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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

ACS of Anchorage, Inc. and ACS of Fairbanks, Inc.	)	
	)	WC Docket No. 02-_____
Emergency Petition for Declaratory Ruling And Other Relief Pursuant to Section 201(b) And 252(e)(5) of the communications Act	)	

Affidavit of William J. Wilks

William J. Wilks, being first duly sworn, deposes and states as follows:

1. My name is William J. Wilks. My business address is 600 Telephone Avenue, Anchorage, Alaska 99503. I am employed by Alaska Communications Systems Holdings, Inc., ("ACS") in the capacity of Manager of Economic Analysis. My resume is attached as Exhibit WJW-1, which details my qualifications and experience.

2. The purpose of my affidavit is two fold. First I will describe the cost model prepared by ACS under my supervision ("ACS v 7.2") for use in Docket No. U-96-89[1] for setting UNE loop rates in Anchorage, Alaska. ACS also filed an earlier version of its v 7.2 model ("ACS v 6.2") in the interconnection arbitration proceeding in Fairbanks and Juneau

[1] In the Matter of the Petition by GCI COMMUNICATIONS CORP. d/b/a GENERAL COMMUNICATION, INC., and d/b/a GCI for Arbitration under Section 252 of the Telecommunications Act of 1996 with the MUNICIPALITY OF ANCHORAGE d/b/a ANCHORAGE TELEPHONE UTILITY a/k/a ATU TELECOMMUNICATIONS for the Purpose of Instituting Local Exchange Competition.

(Dockets U-99-141, U-99-142 and U-99-143)[2] for purposes of setting company specific UNE loop rates. I will describe how ACS approached developing its UNE loop cost and why this approach is fully compliant with both the Telecommunications Act of 1996 ("the Act") and the Federal Communications Commissions ("FCC") regulations in determining the cost of this network element. Second, I will provide a brief background of the orders issued by the Regulatory Commission of Alaska (RCA) that, among other things, selected the Hybrid Cost Proxy Model ("HCPM") for use in setting UNE loop rates for ACS' properties located in Fairbanks ("ACS-FBX") and Juneau ("ACS-AK") in Dockets U-99-141 and U-99-142. I will also compare and contrast the cost inputs that were advocated by the parties to these proceedings and the basis for the costs that were ultimately used to set loop rates in these locations. I will show how the cost inputs to the HCPM model selected by the arbitrator and approved by the RCA are not representative of ACS' forward-looking costs but are rather the cost of some hypothetical carrier.

Section 1 – ACS UNE Loop Cost Model (ACS v. 7.2)

3. Under my supervision ACS developed, among other things, a UNE loop cost model (ACS v 7.2), to be used in ACS-Anchorage ("ACS-ANC") arbitration interconnection proceeding (Docket U-96-89). In developing ACS v 7.2, I instructed my staff to follow the FCC's regulations specific to utilization of a forward-looking TELRIC methodology. I have fully reviewed this model and attest that it is fully compliant with the FCC's regulations using a forward-looking TELRIC methodology. This model has been independently reviewed by outside consulting firms that have also independently filed an affidavit in the ACS-ANC proceeding

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2 In the Matter of the Interconnection Agreement Between GENERAL COMMUNICATION, INC. AND PTI COMMUNICATIONS OF ALASKA, INC. TELEPHONE UTILITIES OF THE NORTHLAND, INC. AND TELEPHONE UTILITIES OF ALASKA, INC.

attesting that the ACS v 7.2 model is compliant with the FCC's regulations using a forward-looking TELRIC methodology[3].

4. As will be explained in further detail herein, the ACS v 7.2 model fulfilled the burden of complying with the FCC's regulations pursuant to section 47 CFR Part 51. ACS v 7.2 is also compliant with the most recent opinion of the United States Supreme Court that, among other things, effectively overturned some, but not all of the Eight Circuit court of Appeals July 2000 decision in Iowa II. Specifically ACS v 7.2 comports with the FCC's hypothetical network standard pursuant to section 51.505(b)(1) which was rejected by the Eighth Circuit in Iowa II, but upon review by the U.S. Supreme Court was overturned, thereby keeping intact this section of the FCC's rules.

5. The ACS v 7.2 UNE loop cost model is based upon a total cost approach that requires that all costs associated with providing the network element are included in the incremental cost of the network element being provided. Additionally, the cost development was also grounded upon the FCC's goal that forward-looking pricing rules "most closely represent the incremental costs incumbents actually expect to incur in making network elements available to new entrants."[4] ACS' cost model and associated inputs are based upon ACS' forward-looking costs. Furthermore, the cost inputs to ACS' cost model (cable and wire, digital loop carrier systems etc.) are based upon the forward-looking cost ACS will actually pay for these network components that make up the telephone network. The prices ACS pays for material is often

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3 The independent consulting firms used by ACS to validate ACS' cost development methodology were: Parrish Blessing and Associates, National Economic Research Associates, Inc. and Network Engineering Consultants, Inc.

4 FCC, Local Competition First Report and order, CC Docket No. 96-325, August 7, 1996, at paragraph 685; id. at 679 (this approach "should facilitate competition on a reasonable and efficient basis by all firms in the industry be establishing prices for interconnection and unbundled elements based on costs similar to those incurred by the incumbents ...").

competitively bid, therefore, the cost inputs also reflect the prices that ACS can garner through volume purchase contracts with its vendors.

Genesis of the Cost Model:

6. ACS chose to develop its company specific forward-looking TELRIC compliant loop cost model for a number of reasons. First, the ACS v 7.2 model was developed because ACS could not rely upon the FCC synthesis model to produce UNE loop rates that reflect ACS' actual UNE loop costs. The FCC model has serious flaws and ACS brought these flaws to the RCA's attention in the form of sworn affidavits by ACS' consultants, Mr. Walter Haug and Dr. Timothy Tardiff. These affidavits are a matter of record in both the ACS-ANC arbitration proceeding (Docket U-96-89) and in the ACS-FBX and ACS-AK arbitration proceedings (Dockets U-99-141 and U-99-142). Second, the FCC has cautioned that the synthesis model may not be appropriate for setting UNE prices as the synthesis model's intended purpose was for universal service support.

7. Federal guidance for costing methodologies in a UNE context were defined in the FCC orders and several rulings on the 'Implementation of Local Provisions of the Telecommunications Act of 1996.' It was interpreted by the Economic Analysis Department at ACS that those series of 'pricing rules' were intended to provide a software tool, in the form of a cost model, that would allow State Commissions to determine prices for competitors to interconnect to and use telecom utilities' facilities and equipment. The specific UNE Pricing rules ACS applied in the UNE Cost Model v 7.2 for Anchorage, was based upon a detailed review during 1999-2000, FCC regulations including title 47 CFR §51.511,[5] 47 CFR §51.509,[6]

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[5] 47 C.F.R. § 51.511 defines "Forward-looking economic cost per unit – (a) The forward-looking economic sot per unit of an element equals the forward-looking economic cost of the element, as defined in sec.51.505, divided by a reasonable projection of the sum of the total number of units of the element that the incumbent LEC is likely to provide to requesting telecommunications carriers and the total number of

47 CFR §51.507[7] and 47CFR §51.505(b)(1).[8] Section 51.505(b)(1) is specifically implemented in ACS v 7.2 for Anchorage.

8. Version 7.2 is specifically based upon a "hypothetical network design based upon a least-cost 'most-efficient network technology'" both in the investment calculation and recovery of costs through specific pricing rules, again, pursuant to 47 CFR §51.505(b)(1)).

Costing Methodology, Model Inputs, Model Structure, Output Results:

9. ACS followed the TELRIC principles of UNE Costing, as modified specifically in Part 51 of the Commission's rules, in researching and developing ACS v 7.2 Anchorage UNE Local Loop Forward-Looking Cost Model. The specific methodology is described below.

10. ACS followed these steps in carrying out the development of ACS v 7.2. ***(a):*** Identify the network assets attributable to a loop, based on the most efficient selection of both hypothetical feeder routes emanating from existing wire centers in the network today and the

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units of the element that the incumbent LEC is likely to use in offering its own services. Sec.(b)(1) With respect to elements that an incumbent LEC offers on a flat-rate basis, the number of units is defined as the discrete number of elements (e.g., local loops or local switch ports) that the incumbent LEC uses or provides. Sec.(b)(2) With respect to elements that an incumbent LEC offers on a usage-sensitive basis, the number of units is defined as the unit of measurement of the usage (e.g., minutes of use or call-related database queries) of the element." Other text continues in the statute.

6 47 C.F.R. § 51.509 defines "Rate structure standards for specific elements –In addition to the general rules set forth in Sec.51.507, rates for specific elements shall comply with the following rate structure rules. (a) Local loops. Loop costs shall be recovered through flat-rated charges. (b) Local switching. Local switching costs shall be recovered through a combination of flat-rated charge for line ports and one or more flat-rated or per-minute usage charges for the switching matrix and for trunk ports." Other text continues in the statute.

7 47 C.F.R. § 51.507 defines the "General rate structure standard. (a) Element rates shall be structured consistently with the manner in which the costs of providing the elements are incurred.(b) The costs of dedicated facilities shall be recovered through flat-rated charges. (c)The costs of shared facilities shall be recovered in a manner that efficiently apportions costs among users. Costs of shared facilities may be apportioned either through usage-sensitive charges or capacity-based flat-rated charges, if the state commission finds that such rates reasonable reflect the costs imposed by the various users. (d) Recurring costs shall be recovered through recurring charges, unless an incumbent LEC proves to a state commission that such recurring costs are de-minimis. Recurring costs shall be considered de-minimis when the costs of administering the recurring charge would be excessive in relation to the amount of the recurring costs".

8 47 C.F.R. § 51.505(b)(1) defines the "Efficient network configuration. The total element long-run incremental cost of an element should be measured based on the use of the most efficient telecommunications technology currently available and the lowest cost network configuration, given the existing location of the incumbent LEC's wire centers."

most efficient technology available. ***(b):*** Identify the revenue producing lines/demand number of customers served by particular loop assets. ***(c):*** Divide the assigned loop plant to specific demand, so that terminating plant is distinguished from transiting plant. ***(d):*** Cost the assigned investment assets at forward-looking economic costs. ***(e):*** Apply annual charge factors ("ACFs") to the investment of Census Block Groups ("CBG") area loops, in order to calculate a forward-looking long-run incremental economic cost of a UNE Local Loop in Anchorage.

11. Since Anchorage has several thousand loops, a sampling methodology of CBGs was used to select a random and representative sample of loops for the cost model. At the end of the process, a regression equation was used to interpolate and forecast both area wide and wirecenter specific UNE Local Loop Rates.

12. In order to estimate the forward-looking customers served, the Engineering Staff consulted existing customer locations and demand within a particular CBG, then applied Bellcore System Practices Fill Factors to build the hypothetical plant to "ultimate" industry standards using the Bellcore 'Serving Area Concept' and the Bellcore 'Carrier Serving Area' standards. The engineering network design standards mentioned above are documented in technical reference manuals, which ACS has filed with the RCA in Docket U-96-89 to provide support for the design of the ACS v 7.2 network. These standards have been applied and modified to Anchorage over time. The MARTENS database extract of loops in Anchorage represented revenue-producing lines by all classes of service.

13. In order to calculate forward-looking costs, ACS gathered cost quotes for each component required to provision a UNE loop element as determined by ACS' Outside Plant Engineers using the design standards mentioned above. For each of the components, ACS collected cost quotes and provided all supporting work papers. These cost quotes, which

collectively amount to 211 pages, were made a part of the record in the Anchorage UNE proceeding (Docket U-96-89). Next, ACS' purchasing department provided the unit cost of each component identified by the engineers to provision the UNE loop element. ACS' cost analysts then input this information into its ACS v 7.2 cost model, as will be further described below to determine the total investment of the UNE loop element. The above steps set the stage for ACS to be assured that its UNE loop model would produce forward-looking cost utilizing a "least-cost" most efficient network for the following reasons. First, the engineers designed an efficient network both in terms of routing of facilities and the materials necessary for the loop element. Second, the prices used for each component of the loop element were based on ACS' current and anticipated costs. ACS' cost for each of the components of the loop element were arrived at using the procurement policies set by ACS' purchasing department. These policies require that ACS competitively bid contracts with vendors that provide the necessary components of the loop element so that ACS garners the best prices possible given its geographic location and volume purchasing requirements. Therefore, the cost inputs in the ACS v 7.2 model represent ACS' current and anticipated cost as well as the best possible costs that can be responsibly achieved based on ACS' purchasing policies. Finally, ACS believes that the best indicator of its forward-looking cost was to base its input cost on its most current and anticipated costs.

14. Once the Engineering Department had identified and had taken inventory of all loop assets for the CBGs, the ACS Economic Analysis Department entered all of the data into a Microsoft(c) Excel(C)™ collection of spreadsheets that comprise the "v 7.2 model."

15. Economic Analysis calculated the allocation percentage of each section of the loop, based on the inventoried plant data. The costing approach, which was programmed into the spreadsheet, calculated investment on a per unit, per pair basis, times the discrete units

inventoried, times the cost of items per unit, times the established allocation percentage to determine total investment per CBG. The data was then exported to and linked throughout the various spreadsheets in the model.

16. Finally, the cost model spreadsheets produced the "A-Report.xls" file, a Microsoft(c) Excel(c)(TM) spreadsheet that details for each CBG sample of loops, the specific ACF and Overhead percentages that are applicable to that CBG to determine the final UNE loop rate. The ACFs reflect ACS' cost-of-capital, depreciation, inflation based on a composite producer-price-index applicable to telecom companies, maintenance "Expense to Investment Ratios," and applicable taxes.

17. The result of the ACS v 7.2 Anchorage UNE Loop Rate, on a cumulative study-area basis is $ 24.59 per loop per month.

Cost Input Comparison In The ACS-FBX and ACS-AK Proceeding

18. This section of the affidavit compares and contrasts the contested cost inputs to the HCPM model that was selected in the interconnection arbitration proceeding between ACS (ACS-FBX & ACS-AK) and GCI in Docket No. U-99-141, U-99-142 and U-99-143.[9] However, a brief background of the events leading up to the submission of each parties' recommendation of cost inputs is necessary to show that more than cost inputs were at issue in this proceeding.

19. Initially, both ACS and GCI proposed different loop cost models in this proceeding. The RCA therefore ordered ACS and GCI to file briefs setting forth the method or model each party believed should be used to compute forward-looking cost figures for use in

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9 In the Matter of the Interconnection Agreement Between GENERAL COMMUNICATIONS, INC. AND PTI COMMUNICATIONS OF ALASKA, INC. TELEPHONE UTILITIES OF THE NORTHLAND, INC AND TELEPHONE UTILITIES OF ALASKA, INC.

developing rates. ACS proposed its own company specific loop cost model ACS v 6.2 as previously described herein.[10] GCI proposed that the Hatfield model, version HM 5.1, be used to compute forward-looking cost figures for use in developing rates in this arbitration. As part of its review the RCA hired a consultant to review the parties briefs and make a recommendation regarding an appropriate cost model to use in this arbitration proceeding. The Commission's consultant filed its report recommending that the Commission select the FCC's model to use to compute forward-looking cost figures. The consultant based its recommendation on a number of considerations. First, the consultant felt the FCC model, was familiar to both parties involved in the arbitration and their consultants and provided a neutral platform not subject to attack as being biased in favor of either party. In addition, the consultant felt that selection of the ACS model would place GCI at a "time and resource disadvantage" because GCI was not familiar with the ACS model while the FCC model, publicly available, had been tested and explained by the FCC. In no case did the RCA's consultant reject ACS' model on any economic principles or make any findings of fact that ACS' model is not TELRIC compliant and inconsistent with the FCC's rules on setting UNE rates.

20. ACS' comments submitted in the record of the docket point out serious flaws in the FCC model for purposes of determining prices for unbundled network elements and further recommended ACS' company specific cost model be used in this proceeding. However, the Commission adopted the use of the FCC model on the recommendation of its consultants.

21. During the arbitration proceeding ACS presented its company specific cost inputs for use in the FCC's model. The record will reflect that ACS supported each contested cost input

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10 ACS' first company specific cost model for UNE loops was developed for the ACS-FBX and ACS-AK interconnection and arbitration proceeding and was titled ACS v 6.2. ACS subsequently modified its v 6.2 model to make minor adjustments to how depreciation and annual charge factors where applied to total investment. This model is now referred to as ACS v 7.2 and is virtually the same as v 6.2 other than so noted in this footnote.

using ACS' actual or anticipated forward-looking costs that it expects to incur in providing the network element. The supporting documentation included current contracts for material and labor for each cost input. GCI, on the other hand, presented its proposed cost input pitches for the FCC model relying upon one of three methods. First, GCI simply accepted the FCC default values. Second, GCI claimed to have adjusted the FCC defaults for labor and material cost differences between Alaska and the lower 48 states. Third, GCI used *its* actual costs. However, of critical importance in evaluating GCI's methods is that not one of these methods reflect ACS' actual or anticipated forward-looking costs to provide the network element. In fact, the record shows that the cost inputs used by GCI are substantially lower than ACS' actual and anticipated forward-looking costs. Furthermore, the HCPM model used in this proceeding contain approximately 1,300 inputs of which 85% remained at the FCC default levels for purposes to what was used to set the UNE loop rate in ACS-FBX and ACS-AK. Table 1.0 below compares the loop rate using the arbiters recommended decisions, which accepted all but two of GCI's proposed pitches for the FCC model, compared to a loop rate using ACS' pitches. The result of this decision by the arbiter and the RCA's subsequent acceptance of that decision result in a significant difference in the UNE loop rate set in this proceeding compared to the loop rate had ACS' actual and anticipated costs prevailed.

22. In arriving at his decision upon which pitch to accept (ACS' or GCI's) the arbiter set a threshold for evaluating the cost pitches by both parties. The arbiter determined, "As arbitrator, I find that it is permissible to use company specific information. However, consistent with the FCC's mandated forward-looking economic cost methodology, before the FCC default inputs should be replaced by company specific values, it must be shown that the proposed specific company inputs is *reflective of an efficient, least cost company in a competitive*

marketplace."[11] Since this was the threshold standard upon which costs inputs were to be evaluated by the arbiter, ACS' pitches for all but two inputs were not selected, in the opinion of the arbiter, because ACS failed to prove its cost inputs were reflective of an efficient, least cost company. Beyond the obvious that this standard is impossible to prove or disprove, what is even more disturbing is that the RCA never adopted this standard in this proceeding. The RCA simply indicated in its order that selected the HCPM model was that FCC cost defaults were to be used as the baseline and that ACS could adjust the defaults but bore the burden of proof that changes to the defaults were based on evidence of ACS' costs. I believe that the record in this proceeding will show that ACS did present more than sufficient evidence of its company specific costs but that the threshold standard effectively eliminated any possibility that ACS' pitches, based upon its costs would meet this impossible standard. Furthermore, the first time ACS was made aware that it would be held to this standard was in the very decision by the arbiter which was issued after all testimony had already been heard in this proceeding. As a result, even if ACS could prove that its cost inputs met the arbiters standard, the proceeding was over and ACS' subsequent objections to the RCA on this critical issue was ignored.

23. I also believe that the arbiters decision, and the RCA acceptance of those decisions to select GCI' cost inputs over ACS' was flawed and runs contrary to the FCC' own position on TELRIC. In its reply brief in the United States, *Verizon Communications, Inc. v. FCC*, the FCC stated, "The costs measured by TELRIC are nonetheless those of the incumbent itself. Those costs are based, moreover, on actual prices of equipment that is commercially available today - equipment that carriers are already using to upgrade and expand their network". In its first report and order in the local competition docket the FCC provides additional support

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[11] See Arbitration Decision on Model Inputs in Docket Nos. U-99-141, U-99-142 and U-99-143 page 13 lines 3 through 7 dated July 17, 2000 (emphasis added).

to use the ILEC's cost in determining the price of the network element and not the cost of FCC defaults, or minor adjustments for freight to Alaska, or another carriers cost as was recommended by GCI and accepted by the RCA.

24. Table 1 below illustrates the significant rate variance that results from using the cost inputs awarded in the ACS and GCI interconnection arbitration proceeding (Dockets U-99-141, U-99-142 and U-99-143). Both rates were generated using the FCC model. The first rate of $19.19 represents the rate awarded in the ACS-FBX interconnection agreement. The basis of this rate reflects, except for two cost inputs, GCI's proposed cost inputs to this model. The second rate of $35.96 reflects running the exact same FCC model used in the same arbitration proceeding but with ACS' costs. The variance in the rate, both in terms of absolute dollars and percent variance is staggering. The affidavit of Mr. Thomas Meade, filed by ACS concurrently with this affidavit, describes the economic harm ACS faces by these actions of the RCA that imposes this rate for ACS-FBX.

25.

Table 1 Loop Rate Comparison

Arbitrated Rate	All ACS Pitch Rate	Gross Difference	Variance
$19.19	$35.96	(16.77)	-87%

26. Finally, I have developed an additional table to reflect the cumulative affects that each cost input has on the UNE loop rate (Table 2 "Cumulative Cost Input Analysis"). The first rate in table 2 ($19.19) represents the monthly loop rate as determined using the cost inputs awarded in the arbitration proceeding. All subsequent rates below the arbitrated rate of $19.19 represent each of the contested cost or engineering inputs in the ACS-FBX proceeding and what the UNE loop rate would have been had ACS' forward-looking

costs been awarded. For example, had ACS' forward-looking common support costs been used in the HCPM model, the rate produced by the model would total $25.90 per loop per month (line 2 of table 2). The loop rate results in table 2 (except for the arbitrated rate of $19.19) are represented on a cumulative basis. In other words, the monthly UNE loop rate produced by the HCPM model would have been $26.15 (line 3 of table 2) had ACS been awarded its common support costs and its NID Costs. Finally, had ACS been awarded all its company specific forward-looking costs the rate produced by the model would have been $35.96.

Table 2 Cumulative Cost Input Analysis	**Per Loop Cost Fairbanks**
Arbitrated Model Results	$ 19.19
...+ACS Common Support Costs	$ 25.90
...+ACS NID Costs	$ 26.15
...+ACS Weighted Avg. Cost of Capital	$ 28.27
...+ACS Engineering Fill Factor	$ 28.85
...+ACS Drop Terminal Cost	$ 30.29
...+ACS Digital Loop Carrier Cost	$ 32.00
...+ACS Distribution Plant Mix	$ 32.27
...+ACS Copper Feeder Plant Mix	$ 33.02
...+ACS Fiber Feeder Plant Mix	$ 33.76
...+ACS Duct Cost	$ 33.76
...+ACS SAI Cost	$ 33.77
...+ACS Drop	$ 35.19
...+ACS Miscellaneous Costs*	$ 35.96
All ACS Pitch	$ 35.96

* Miscellaneous includes Switching, Manholes, and E/I Ratios.

Further Affiant Sayeth Not.

William J. Wilks

Subscribed and Sworn to before me this 22nd day of July, 2002.

OFFICIAL SEAL
State of Alaska
LELA M. KISTNER
NOTARY PUBLIC

Notary Public for the State of Alaska
My Commission Expires : 8/4/02

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UNE Local Loop Forward-Looking Cost Model

ACS v. 6.2

Summary Report and Annual Charge Factors for Fairbanks

Fairbanks CBG's	Investment	Allocated	Carrying Cost	Demand	Cost/Line	Cost/Line/Month
2004	$2,327,351.02	$938,975.83	$285,922.57	1,172	$ 243.96	$ 20.33
5001	$1,456,353.72	$296,052.95	$100,212.11	440	$ 227.75	$ 18.98
6001	$3,140,518.26	$1,015,418.55	$299,009.48	1,000	$ 299.01	$ 24.92
6003	$1,128,911.49	$964,289.69	$279,045.55	362	$ 770.84	$ 64.24
7003	$2,142,464.36	$679,182.85	$200,665.96	948	$ 211.67	$ 17.64
8004	$2,114,081.30	$1,120,641.85	$300,220.64	573	$ 523.95	$ 43.66
10002	$5,197,829.38	$2,504,297.49	$763,254.41	1,143	$ 667.76	$ 55.65
12003	$2,618,243.17	$2,005,218.58	$548,537.59	753	$ 728.47	$ 60.71
			Total Demand	6,391		

Wtd Avg %	$ Wtd Avg.	Forward-looking OH	UNE Loop Rate
18.34%	$ 3.73	22.40%	$ 4.56
6.88%	$ 1.31	22.40%	$ 1.60
15.85%	$ 3.90	22.40%	$ 4.77
5.66%	$ 3.64	22.40%	$ 4.45
14.83%	$ 2.62	22.40%	$ 3.20
8.97%	$ 3.91	22.40%	$ 4.79
17.88%	$ 9.95	22.40%	$ 12.18
11.78%	$ 7.15	22.40%	$ 8.75
			$ 44.32
100.00%	$ 36.21		
	Rate		

Depr, WACC & Taxes Inputs
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Click Here to Return to Main Menu

	User Inputs	Calculations
State	Alaska	
Company		
Cost of Capital Inputs		
Cost of Debt	8.34%	
Debt fraction	45.00%	
Cost of Equity	16.00%	
Equity fraction		55.00%
Weighted equity fraction		70.10%
Overall Cost of Capital		12.55%
Cost Parameters		
tax rate	40.20%	
corporate overhead factor	0.00%	
other taxes factor	1.50%	
forward-looking network operations factor	50.00%	

Change Inputs here

Account	USOA Category	Economic Lives	Net Salvage Percent	Adjusted Projection Lives (years)	IRS Deprec Category	Regulatory Deprec Method (SL/ELG)	ELG Curve Parameters: c	Log β	Log γ	Model Comments
2112	Motor Vehicles	8.00	16.00%	8.41	2	elg	1.76588736	-0.0027010400	0.0002926	Used the major account coeff. CWF for both Motor V. and Garage W.Eq.
2115	Garage Work Equipment	12.00	3.00%	12.37	3	elg	1.39867126	-0.0031344900	-0.0054676	
2116	Other Work Equipment	15.00	5.00%	15.78	2	elg	1.30789392	-0.0031344900	-0.0043741	
2121	Buildings	35.00	5.00%	36.84	6	elg	1.13880027	-0.0027010400	0.0000669	
2122	Furniture	15.00	5.00%	15.79	3	elg	[illegible]	[illegible]	[illegible]	
2123.1	Office Support Equipment	15.00	10.00%	16.67	3	elg	1.0201029	-8.9744395000	0.1631611	
2123.2	Company Comm Equipment	7.40	2.52%	7.59	2	elg	[illegible]	[illegible]	[illegible]	
2124	Computers	6.00	15.00%	7.08	2	elg	1.0276647	-5.7103127000	0.1455241	
2212	Digital Switching	10.00	7.00%	10.75	2	elg	1.1333974	-0.2174551200	0.0239688	
2220	Operator Systems	9.41	-0.41%	9.37	2	elg	1.1333974	-0.2174551200	0.0239688	
2232.2	Digital Circuit Equipment	12.00	15.00%	14.12	2	elg	1.0201029	-8.9744395000	0.1631611	
2351	Public Telephone	7.60	5.12%	8.01	2	elg	1.102494	-0.3341004100	0.0240119	
	NID, SAI and Drop			18.00	6	elg	1.0276647	-5.7103127000	0.1455241	
2411	Poles	18.00	-50.00%	12.00	5	elg	1.0201029	-8.9744395000	0.1631611	
2421-m	Aerial Cable - Metallic	18.00	-38.00%	13.04	5	elg	1.1333974	-0.2174551200	0.0239688	
2421-nm	Aerial Cable - Non-Metallic	20.00	-15.00%	17.39	5	elg	1.1333974	-0.2174551200	0.0239688	
2422-m	Underground - Metallic	15.00	-10.00%	13.64	5	elg	1.0276647	-5.7103127000	0.1455241	
2422-nm	Underground - Non-Metallic	20.00	-5.00%	19.05	5	elg	1.0276647	-5.7103127000	0.1455241	
2423-m	Buried - Metallic	18.00	-5.00%	17.14	5	elg	1.1333974	-0.2174551200	0.0239688	
2423-nm	Buried - Non-Metallic	20.00	-5.00%	19.05	5	elg	1.1333974	-0.2174551200	0.0239688	
2426-m	Intrabuilding - Metallic	18.18	15.00%	15.81	6	elg	0.96	[illegible]	[illegible]	
2426-nm	Intrabuilding - Non-Metallic	26.11	-10.43%	23.64	5	elg	0.96	[illegible]	[illegible]	
2441	Conduit Systems	40.00	-4.00%	38.46	5	elg	1.4990682	-0.0049100463	0.0017740	

Accelerated Tax Depreciation: FALSE

MACRS Life (years)	IRS Deprec Category
3.0	1
5.0	2
7.0	3
10.0	4
15.0	5
20.0	6
31.5	7

Depr,WACC & TAX Factors
ATU
7/23/2002

				file Acf_ptic					
		GrUpROR				DefTax:	**FALSE**	Capital Annual Charge Factors	
		18.47%						(RegDeprec/TaxDeprec)	
	Account	USOA Category	Economic Life	Net Salvage Percent	Adjusted Projection Life	Regulatory Deprec Method	IRS Deprec Category	SL/SL	ELG/ELG	**Selected KACF**
	2112	Motor Vehicles	8.00	15.00%	9.41	elg	2	21.60%	21.12%	**21.12%**
	2115	Garage Work Equipment	12.00	3.00%	12.37	elg	3	19.55%	19.91%	**19.91%**
	2116	Other Work Equipment	15.00	5.00%	15.79	elg	2	18.34%	19.07%	**19.07%**
	2121	Buildings	35.00	5.00%	36.84	elg	6	17.24%	18.66%	**18.66%**
	2122	Furniture	15.00	5.00%	15.79	elg	3	18.34%	17.81%	**17.81%**
	2123.1	Office Support Equipment	15.00	10.00%	16.67	elg	3	18.14%	17.75%	**17.75%**
	2123.2	Company Comm Equipment	7.40	2.52%	7.59	elg	2	23.84%	23.91%	**23.91%**
	2124	Computers	6.00	15.00%	7.06	elg	2	24.73%	24.70%	**24.70%**
	2212	Digital Switching	10.00	7.00%	10.75	elg	2	20.50%	20.42%	**20.42%**
	2220	Operator Systems	9.41	-0.41%	9.37	elg	2	21.64%	21.60%	**21.60%**
	2232.2	Digital Circuit Equipment	12.00	15.00%	14.12	elg	2	18.83%	18.49%	**18.49%**
	2351	Public Telephone	7.60	5.12%	8.01	elg	2	23.21%	23.18%	**23.18%**
		NID, SAI and Drop			19.00	elg	5	17.75%	17.38%	**17.38%**
	2411	Poles	18.00	-50.00%	12.00	elg	5	19.74%	19.45%	**19.45%**
	2421-m	Aerial Cable - Metallic	18.00	-38.00%	13.04	elg	5	19.24%	19.11%	**19.11%**
	2421-nm	Aerial Cable - Non-Metallic	20.00	-15.00%	17.39	elg	5	18.00%	17.80%	**17.80%**
	2422-m	Underground - Metallic	15.00	-10.00%	13.64	elg	5	19.00%	18.73%	**18.73%**
	2422-nm	Underground - Non-Metallic	20.00	-5.00%	19.05	elg	5	17.74%	17.37%	**17.37%**
	2423-m	Buried - Metallic	18.00	-5.00%	17.14	elg	5	18.05%	17.85%	**17.85%**
	2423-nm	Buried - Non-Metallic	20.00	-5.00%	19.05	elg	5	17.74%	17.53%	**17.53%**
	2426-m	Intrabuilding - Metallic	18.18	-15.09%	15.80	elg	5	18.34%	20.57%	**20.57%**
	2426-nm	Intrabuilding - Non-Metallic	26.11	-10.43%	23.64	elg	5	17.35%	18.94%	**18.94%**
	2441	Conduit Systems	40.00	-4.00%	38.46	elg	5	17.26%	17.16%	**17.16%**

ACF by Account
file Acf_ptic

File:	ACF_PTIC.xls						
Service Area:	ACS - North Pole						
		a	b		c	d	e
		Cost of	Expense		Total	Secndry	Total
Account		Capital	PlantSpec	Nonspec	Cost	ACF	ACF
Primary Accts							
Switching	2212	20.42%	7.64%	4.09%	32.15%	19.94%	52.09%
Radio Systems	2231	16.33%	10.86%	4.09%	31.28%	19.89%	51.17%
Circuit Equip	2232	18.49%	10.66%	4.09%	33.24%	20.01%	53.25%
Aerial C&W Cpr	2421C	19.11%	4.30%	4.09%	27.50%	2.31%	29.80%
Aerial C&W Fbr	2421F	17.80%	4.30%	4.09%	26.19%	2.30%	28.49%
UG Cable Copper	2422C	18.73%	7.82%	4.09%	30.64%	2.33%	32.97%
UG Cable Fiber	2422F	17.37%	7.95%	4.09%	29.42%	2.32%	31.74%
Buried Cbl Copper	2423C	17.85%	2.34%	4.09%	24.28%	2.28%	26.56%
Buried Cbl Fiber	2423F	17.53%	19.21%	4.09%	40.83%	2.42%	43.25%
Poles	2411	19.45%	67.92%	4.09%	91.46%	2.84%	91.46%
Conduit	2441	17.16%	0.56%	4.09%	21.81%	2.26%	21.81%
Secondary Accts							
Land	2111	0.00%	7.99%	4.09%	12.08%		12.08%
Motor Vehicles	2112	21.12%	0.04%	4.09%	25.26%		25.26%
Specl Purp Veh	2114	0.00%	0.00%	4.09%	4.09%		4.09%
Garage Work	2115	19.91%	0.00%	4.09%	24.01%		24.01%
Other Work Equip	2116	19.07%	0.89%	4.09%	24.05%		24.05%
Buildings	2121	18.66%	6.57%	4.09%	29.32%		29.32%
Furniture	2122	17.81%	0.03%	4.09%	21.92%		21.92%
Gen Purp Comp	2123	24.70%	39.01%	4.09%	67.80%		67.80%

d	Per Depr,WACC & TAX Factors Sheet
e	Per ExpFctrs Sheet
f	a+b
g	Per SecAcctFctrs Sheet
h	c+d

Note: Radio=Ckt.Eq.

Reflects Iowa retirement curves (AUS data) for AK.

1998 Capcost used based on 1998 Prop. Tax assumption

Development of ACF Expense Factors
Based on HCPM (HAI Model v 5/FCC)
Plant Specific Expense Factors
Primary Accts

Account		Investment	Account		Expense	Factor
2212	Dig Switching	20,180,010	6212	Dig Switching	1,541,285	7.638%
2231.2	Other Radio	159,836	6231	Radio Systems	140,981	10.860%
2232	Circuit Eq	3,572,525	6232	Circuit Eq	380,880	10.661%
2421C	Aerial Cable	20,746,365	6421C	Aerial Cable	891,422	4.297%
2421F	Aerial Cable	205,159	6421F	Aerial Cable	9,004	4.389%
2422C	UG Cab Copper	4,488,571	6422C	UG Cable Copper	350,788	7.815%
2422F	UG Cable Fiber	44,557	6422F	UG Cabl Fiber	3,543	7.952%
2423C	Bur Cabl Copper	50,608,885	6423C	Bur Cabl Copper	1,185,196	2.342%
2423F	Bur Cabl Fiber	62,308	6423F	Bur Cabl Fiber	11,972	19.214%
2424	Sub Cable	0	6424	Sub Cable	0	0.000%
2431	Aerial Wire	3,221	6431	Aerial Wire	0	0.000%
2411	Poles	504,318	6411	Poles	342520	67.917%
2441	Conduit	8,112,791	6441	Conduit	45,538	0.561%
SubTotal (1) Study Plant in Service		108,688,546				

Secondary Accts

Account		Investment	Account		Expense	Factor
2111	Land	59,464	6121L	Land Exp	4,753	7.993%
2112	Motor Veh	3,855,720	6112	Motor Veh	1,628	0.042%
2113	Aircraft	0	6113	Aircraft	21,557	0.000%
2114	Specl Pur Veh	369,351	6114	Specl Pur Veh	0	0.000%
2115	Garage Equip	0	6115	Garage Equip	0	0.000%
2116	Oth Wrk Equip	454,631	6116	Oth Wrk Equip	4,050	0.891%
2121	Buildings	11,992,122	6121B	Bldng Exp	787,405	6.566%
2122	Furniture	2,754,431	6122	Furniture	700	0.025%
2124	Gen Purp Comp	1,238,385	6124	Gen Purp Comp	483,064	39.008%
SubTotal (2) Study Plant in Service		20,724,104				

Plant Nonspecific Expense Factor

Account		Expense
6123	Office Equip	539,718
6512	Provisioning	21,950
6531	Power	199,752
6532	Network Admin	1,397,598
6533	Testing	265,746
6534	Plnt Operations	737,678
6535	Engineering	1,283,237
Total Exp		4,445,679
Prim Plant		108,688,546
Factor		**4.09%**

Common Overhead (Indirect) Factor

Account		Expense	
6710	Executive	446,586	
6721	Acc&Finance	666,477	
6722	Ext Relations	207,842	
6723	Human Resources	591,491	
6724	Information Manag.	1,007,878	
6725	Legal	211,981	
6727	Research & Dev	0	
6726	Procurement	405,803	
6728	Other G&A	1,044,887	
Total Exp		4,582,945	
Tot Opr Exp		25,040,166	
Net Opr Exp		20,457,221	
Factor		**22.40%**	O/H factor

Labor Factors

Use HCPM factors

Account		Expense
6723	Human Resources	591,491

Common & Power Factor

Common	0
Power	0
COE	0
Com&Power	0
COE-C&P	0
C&P Factor	0.0517

Materials & Supplies Factor

1220	Inventories	914,231
	Prim Plant	108,688,546
	M&S Factor	0.0084

Telco Eng & Labor Factors (wp10)

	Excl Vendor	Incl Vendor
OSP	**0.2516**	**5.0259**
COE	**0.0178**	**0.0835**
CKT	**0.0454**	**0.1779**

Customer Service Factors

Account		Expense Retail	Whlsl Avoided**	Wholesale
6611	Product Mgmnt	675,518	**57.68%**	285,900
6612	Sales	7,300	**99.35%**	48
6613	Prod Advert	53,785	**0.04%**	53,762
6621	Call Completion	949	**0.00%**	949
6622	Number Serv	469,488	**12.17%**	412,328
6623	Customer Services	2,353,264	**74.98%**	588,784
5300	Uncollectibles	84,873	**12.83%**	73,985
Total		3,645,177		1,415,756

Factors (wp 9)

Customers	**N/A**	N/A	Cost/Customer	n/a
Lines	**N/A**	n/a	Cost/Line	n/a
Prim Plant	108,688,546			

** Per Avoided Cost Model

Sales Tax (wp3)

Alaska	**0.0500**

		Secondary Accounts							
		Land	Motor Vehicles	Spcl Purp Vehicles	Garage Equip	Other Wrk Equip	Buildings	Furniture	Gen Purp Comptrs
Secondary Plant		59,464	3,855,720	369,351	0	454,631	11,992,122	2,754,431	1,238,385
Primary Acct	Prim Plant								
Switching	20,180,010	20,180,010					20,180,010	20,180,010	20,180,010
Radio Systems	159,836	159,836					159,836	159,836	159,836
Circuit Equip	3,572,525	3,572,525					3,572,525	3,572,525	3,572,525
Aerial C&W Cpr	20,746,365	20,746,365	20,746,365	20,746,365	20,746,365	20,746,365			20,746,365
Aerial C&W Fib	205,159	205,159	205,159	205,159	205,159	205,159			205,159
UG Cable Copper	4,488,571	4,488,571	4,488,571	4,488,571	4,488,571	4,488,571			4,488,571
UG Cable Fiber	44,557	44,557	44,557	44,557	44,557	44,557			44,557
Buried Cbl Copper	50,608,885	50,608,885	50,608,885	50,608,885	50,608,885	50,608,885			50,608,885
Buried Cbl Fiber	62,308	62,308	62,308	62,308	62,308	62,308			62,308
Poles	504,318	504,318	504,318	504,318	504,318	504,318			504,318
Conduit	8,112,791	8,095,447	8,095,447	8,095,447	8,095,447	8,095,447			8,095,447
Total Eff Plant	108,685,325	108,667,981	84,755,610	84,755,610	84,755,610	84,755,610	23,912,371	23,912,371	108,667,981
Sec/Prim Plant Ratio		0.0547%	4.5492%	0.4358%	0.0000%	0.5364%	50.1503%	11.5189%	1.1396%
Secondary ACF		12.08%	25.26%	4.09%	24.01%	24.05%	29.32%	21.92%	67.80%
Sec ACF Ratio		0.01%	1.15%	0.02%	0.00%	0.13%	14.70%	2.53%	0.77%
Primary Acct	Sec ACF								
Switching	18.01%	0.01%					14.70%	2.53%	0.77%
Radio Systems	18.01%	0.01%					14.70%	2.53%	0.77%
Circuit Equip	18.01%	0.01%					14.70%	2.53%	0.77%
Aerial C&W Cop	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
Aerial C&W Fib	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
UG Cable Copper	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
UG Cable Fiber	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
Buried Cbl Copper	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
Buried Cbl Fiber	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
Poles	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%
Conduit	2.08%	0.01%	1.15%	0.02%	0.00%	0.13%			0.77%

	a	b	c	d (b+c)*a	e	f d+e Total
Primary Acct	Prim ACF	M&S Load	C&P Load	Load ACF	Sec ACF	Sec ACF
Switching	32.15%	0.84%	5.17%	1.93%	18.01%	19.94%
Radio Systems	31.28%	0.84%	5.17%	1.88%	18.01%	19.89%
Circuit Equip	33.24%	0.84%	5.17%	2.00%	18.01%	20.01%
Aerial C&W Cop	27.50%	0.84%		0.23%	2.08%	2.31%
Aerial C&W Fib	26.19%	0.84%		0.22%	2.08%	2.30%
UG Cable Copper	30.64%	0.84%		0.26%	2.08%	2.33%
UG Cable Fiber	29.42%	0.84%		0.25%	2.08%	2.32%
Buried Cbl Copper	24.28%	0.84%		0.20%	2.08%	2.28%
Buried Cbl Fiber	40.83%	0.84%		0.34%	2.08%	2.42%
Poles	91.46%	0.84%		0.77%	2.08%	2.84%
Conduit	21.81%	0.84%		0.18%	2.08%	2.26%

a, e Per ACF by Account Sheet
b, c Per ExpFctrs Sheet

CGSCurves
ATU
7/23/2002
file A2T3ptic

CGS Curve Analysis

Account	2112	2115	2116	2121	2122	2123	2123	2124	2212	2220	
USOA Category	Motor Vehicles	Garage Work Equipment	Other Work Equipment	Buildings	Furniture	Office Support Equipment	Company Comm Equipment	Computers	Digital Switching	Operator Systems	Digital Circuit Equipment
r	1.76586736	1.39867126	1.30789392	1.13880027	1.01954060	1.02010290	1.26213880	1.02766470	1.13339740	1.13339740	1.02010290
Ln g	-0.00270104	-0.00313449	-0.00313449	-0.00270104	-4.48721980	-8.97443950	-0.03960009	-5.71031270	-0.21745512	-0.21745512	-8.97443950
Ln s	0.00029262	-0.00546757	-0.00437406	0.00006689	0.05859083	0.16316108	0.00855372	0.14552408	0.02396884	0.02396884	0.16316108
h	1.06250000	0.80833333	0.63333333	0.27142857	0.63333333	0.60000000	1.31729730	1.41666667	0.93000000	1.06705632	0.70833333
Adj Proj Life	9.41	12.37	15.79	36.84	15.79	16.67	7.59	7.06	10.75	9.37	14.12
Given Yr	Fraction of Original Plant Surviving Through Given Year										
1	0.99557	0.98765	0.99231	0.99982	0.95890	0.97742	0.99324	0.95737	0.98954	0.98739	0.97309
2	0.98692	0.97477	0.98444	0.99963	0.91804	0.95250	0.97501	0.89802	0.97174	0.96502	0.94296
3	0.97070	0.96116	0.97635	0.99943	0.87753	0.92542	0.94196	0.82466	0.94611	0.93219	0.90992
4	0.94117	0.94663	0.96798	0.99922	0.83745	0.89637	0.89050	0.74075	0.91231	0.88851	0.87428
5	0.88891	0.93083	0.95929	0.99901	0.79791	0.86555	0.81741	0.65030	0.87025	0.83405	0.83639
6	0.80021	0.91340	0.95021	0.99879	0.75897	0.83318	0.72085	0.55744	0.82008	0.76937	0.79663
7	0.65979	0.89386	0.94068	0.99855	0.72074	0.79949	0.60203	0.46814	0.76232	0.69568	0.75537
8	0.46325	0.87163	0.93059	0.99831	0.68327	0.76470	0.46695	0.37988	0.69781	0.61486	0.71301
9	0.24240	0.84598	0.91987	0.99805	0.64664	0.72906	0.32755	0.30140	0.62784	0.52945	0.66994
10	0.07406	0.81607	0.90839	0.99779	0.61092	0.69280	0.20043	0.23258	0.55404	0.44251	0.62654
11	0.00846	0.78091	0.89603	0.99751	0.57616	0.65617	0.10187	0.17435	0.47837	0.35747	0.58319
12	0.00016	0.73942	0.88264	0.99723	0.54241	0.61938	0.04024	0.12683	0.40306	0.27774	0.54024
13	0.00000	0.69051	0.86806	0.99693	0.50972	0.58268	0.01128	0.08942	0.33039	0.20641	0.49802
14	0.00000	0.63323	0.85209	0.99662	0.47813	0.54626	0.00199	0.06103	0.26258	0.14579	0.45684
15	0.00000	0.56705	0.83452	0.99630	0.44767	0.51034	0.00019	0.04027	0.20157	0.09716	0.41698
16	0.00000	0.49217	0.81513	0.99596	0.41837	0.47511	0.00001	0.02566	0.14882	0.06059	0.37867
17	0.00000	0.41005	0.79367	0.99561	0.39025	0.44073	0.00000	0.01576	0.10516	0.03502	0.34211
18	0.00000	0.32376	0.76988	0.99525	0.36333	0.40736	0.00000	0.00932	0.07074	0.01856	0.30748
19	0.00000	0.23824	0.74347	0.99487	0.33781	0.37515	0.00000	0.00530	0.04503	0.00891	0.27489
20	0.00000	0.15984	0.71419	0.99448	0.31309	0.34421	0.00000	0.00289	0.02694	0.00382	0.24444
21	0.00000	0.09500	0.68177	0.99407	0.28978	0.31465	0.00000	0.00151	0.01503	0.00144	0.21618
22	0.00000	0.04817	0.64601	0.99364	0.26767	0.28653	0.00000	0.00076	0.00775	0.00047	0.19014
23	0.00000	0.01983	0.60676	0.99320	0.24675	0.25993	0.00000	0.00036	0.00366	0.00013	0.16629
24	0.00000	0.00621	0.56398	0.99275	0.22699	0.23469	0.00000	0.00016	0.00157	0.00003	0.14462
25	0.00000	0.00136	0.51778	0.99227	0.20838	0.21142	0.00000	0.00007	0.00060	0.00001	0.12505
26	0.00000	0.00018	0.46844	0.99178	0.19089	0.18955	0.00000	0.00003	0.00020	0.00000	0.10749
27	0.00000	0.00001	0.41651	0.99126	0.17450	0.16926	0.00000	0.00001	0.00006	0.00000	0.09186
28	0.00000	0.00000	0.36278	0.99073	0.15917	0.15052	0.00000	0.00000	0.00001	0.00000	0.07803
29	0.00000	0.00000	0.30837	0.99018	0.14487	0.13331	0.00000	0.00000	0.00000	0.00000	0.06588
30	0.00000	0.00000	0.25464	0.98961	0.13156	0.11758	0.00000	0.00000	0.00000	0.00000	0.05527
31	0.00000	0.00000	0.20319	0.98901	0.11921	0.10327	0.00000	0.00000	0.00000	0.00000	0.04609
32	0.00000	0.00000	0.15567	0.98839	0.10777	0.09031	0.00000	0.00000	0.00000	0.00000	0.03819
33	0.00000	0.00000	0.11366	0.98775	0.09721	0.07864	0.00000	0.00000	0.00000	0.00000	0.03143
34	0.00000	0.00000	0.07838	0.98709	0.08748	0.06818	0.00000	0.00000	0.00000	0.00000	0.02571
35	0.00000	0.00000	0.05051	0.98640	0.07853	0.05885	0.00000	0.00000	0.00000	0.00000	0.02089
36	0.00000	0.00000	0.03004	0.98568	0.07034	0.05057	0.00000	0.00000	0.00000	0.00000	0.01685
37	0.00000	0.00000	0.01625	0.98494	0.06284	0.04325	0.00000	0.00000	0.00000	0.00000	0.01351
38	0.00000	0.00000	0.00785	0.98417	0.05601	0.03683	0.00000	0.00000	0.00000	0.00000	0.01075
39	0.00000	0.00000	0.00332	0.98337	0.04980	0.03122	0.00000	0.00000	0.00000	0.00000	0.00850
40	0.00000	0.00000	0.00120	0.98254	0.04417	0.02633	0.00000	0.00000	0.00000	0.00000	0.00667
41	0.00000	0.00000	0.00036	0.98168	0.03907	0.02211	0.00000	0.00000	0.00000	0.00000	0.00520
42	0.00000	0.00000	0.00009	0.98079	0.03447	0.01847	0.00000	0.00000	0.00000	0.00000	0.00402
43	0.00000	0.00000	0.00002	0.97987	0.03034	0.01536	0.00000	0.00000	0.00000	0.00000	0.00309
44	0.00000	0.00000	0.00000	0.97892	0.02663	0.01271	0.00000	0.00000	0.00000	0.00000	0.00235
45	0.00000	0.00000	0.00000	0.97792	0.02331	0.01046	0.00000	0.00000	0.00000	0.00000	0.00178
46	0.00000	0.00000	0.00000	0.97690	0.02035	0.00857	0.00000	0.00000	0.00000	0.00000	0.00133
47	0.00000	0.00000	0.00000	0.97583	0.01772	0.00699	0.00000	0.00000	0.00000	0.00000	0.00099
48	0.00000	0.00000	0.00000	0.97473	0.01539	0.00566	0.00000	0.00000	0.00000	0.00000	0.00073
49	0.00000	0.00000	0.00000	0.97359	0.01332	0.00457	0.00000	0.00000	0.00000	0.00000	0.00054
50	0.00000	0.00000	0.00000	0.97240	0.01150	0.00368	0.00000	0.00000	0.00000	0.00000	0.00039
51	0.00000	0.00000	0.00000	0.97118	0.00990	0.00292	0.00000	0.00000	0.00000	0.00000	0.00028
52	0.00000	0.00000	0.00000	0.96991	0.00850	0.00232	0.00000	0.00000	0.00000	0.00000	0.00020
53	0.00000	0.00000	0.00000	0.96859	0.00728	0.00183	0.00000	0.00000	0.00000	0.00000	0.00014
54	0.00000	0.00000	0.00000	0.96723	0.00621	0.00144	0.00000	0.00000	0.00000	0.00000	0.00010
55	0.00000	0.00000	0.00000	0.96582	0.00528	0.00112	0.00000	0.00000	0.00000	0.00000	0.00007
56	0.00000	0.00000	0.00000	0.96436	0.00448	0.00087	0.00000	0.00000	0.00000	0.00000	0.00005
57	0.00000	0.00000	0.00000	0.96285	0.00379	0.00067	0.00000	0.00000	0.00000	0.00000	0.00003
58	0.00000	0.00000	0.00000	0.96129	0.00320	0.00052	0.00000	0.00000	0.00000	0.00000	0.00002
59	0.00000	0.00000	0.00000	0.95967	0.00269	0.00039	0.00000	0.00000	0.00000	0.00000	0.00001
60	0.00000	0.00000	0.00000	0.95799	0.00225	0.00030	0.00000	0.00000	0.00000	0.00000	0.00001
61	0.00000	0.00000	0.00000	0.95625	0.00188	0.00022	0.00000	0.00000	0.00000	0.00000	0.00001
62	0.00000	0.00000	0.00000	0.95446	0.00156	0.00017	0.00000	0.00000	0.00000	0.00000	0.00000
63	0.00000	0.00000	0.00000	0.95260	0.00130	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000
64	0.00000	0.00000	0.00000	0.95068	0.00107	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000
65	0.00000	0.00000	0.00000	0.94869	0.00088	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000
66	0.00000	0.00000	0.00000	0.94663	0.00073	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000
67	0.00000	0.00000	0.00000	0.94451	0.00059	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000
68	0.00000	0.00000	0.00000	0.94231	0.00048	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000
69	0.00000	0.00000	0.00000	0.94003	0.00039	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000
70	0.00000	0.00000	0.00000	0.93768	0.00032	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
71	0.00000	0.00000	0.00000	0.93525	0.00026	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
72	0.00000	0.00000	0.00000	0.93273	0.00021	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
73	0.00000	0.00000	0.00000	0.93013	0.00016	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
74	0.00000	0.00000	0.00000	0.92745	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
75	0.00000	0.00000	0.00000	0.92467	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
76	0.00000	0.00000	0.00000	0.92180	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
77	0.00000	0.00000	0.00000	0.91884	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
78	0.00000	0.00000	0.00000	0.91578	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
79	0.00000	0.00000	0.00000	0.91262	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
80	0.00000	0.00000	0.00000	0.90935	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
81	0.00000	0.00000	0.00000	0.90598	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Account	2351		2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441
USOA Category	Public Telephone	NID, SAI	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground - Non-Metallic	Buried - Metallic	Buried - Non-Metallic	Intrabuilding - Metallic	Intrabuilding - Non Metallic	Conduit Systems
r	1.10249400	1.02766470	1.02010290	1.13339740	1.13339740	1.02766470	1.02766470	1.13339740	1.13339740	0.96000000	0.96000000	1.49906820
Ln g	-0.33410041	-5.71031270	-8.97443950	-0.21745512	-0.21745512	-5.71031270	-5.71031270	-0.21745512	-0.21745512	-0.19488615	-0.19488615	-0.00491005
Ln s	0.02401188	0.14552408	0.16316108	0.02396884	0.02396884	0.14552408	0.14552408	0.02396884	0.02396884	-0.01125187	-0.01125187	0.00177395
h	1.24847105	0.52631579	0.83333333	0.76666667	0.57500000	0.73333333	0.52500000	0.38333333	0.52500000	0.63305831	0.42294140	0.26000000
Adj Proj Life	8.01	19.00	12.00	13.04	17.39	13.64	19.05	17.14	19.05	15.80	23.64	38.46
Given Yr												
1	0.96983	0.98625	0.96800	0.99189	0.99437	0.98015	0.98628	0.99427	0.99496	0.99506	0.99673	0.99981
2	0.92851	0.97001	0.93162	0.97886	0.98601	0.95555	0.97009	0.98573	0.98767	0.98985	0.99334	0.99948
3	0.87608	0.95138	0.89135	0.96062	0.97480	0.92647	0.95152	0.97425	0.97801	0.98439	0.98983	0.99899
4	0.81310	0.93046	0.84775	0.93692	0.96062	0.89327	0.93068	0.95970	0.96589	0.97869	0.98621	0.99833
5	0.74074	0.90740	0.80139	0.90763	0.94336	0.85636	0.90770	0.94199	0.95125	0.97276	0.98248	0.99748
6	0.66079	0.88234	0.75290	0.87272	0.92298	0.81621	0.88273	0.92108	0.93401	0.96661	0.97884	0.99642
7	0.57564	0.85543	0.70292	0.83229	0.89943	0.77333	0.85592	0.89686	0.91414	0.96026	0.97471	0.99513
8	0.48619	0.82686	0.65208	0.78658	0.87272	0.72829	0.82745	0.86942	0.89163	0.95371	0.97067	0.99358
9	0.40168	0.79682	0.60101	0.73602	0.84290	0.68164	0.79751	0.83879	0.86650	0.94697	0.96653	0.99174
10	0.31938	0.76550	0.55029	0.68121	0.81007	0.63397	0.76630	0.80507	0.83879	0.94005	0.96231	0.98959
11	0.24432	0.73311	0.50048	0.62292	0.77438	0.58585	0.73402	0.76843	0.80858	0.93297	0.95799	0.98708
12	0.17891	0.69987	0.45208	0.56210	0.73602	0.53785	0.70088	0.72910	0.77599	0.92573	0.95359	0.98419
13	0.12472	0.66599	0.40554	0.49986	0.69527	0.49048	0.66709	0.68735	0.74117	0.91835	0.94911	0.98086
14	0.08223	0.63167	0.36124	0.43742	0.65244	0.44424	0.63288	0.64353	0.70432	0.91083	0.94454	0.97709
15	0.05091	0.59714	0.31947	0.37606	0.60791	0.39956	0.59844	0.59804	0.66567	0.90319	0.93990	0.97278
16	0.02936	0.56261	0.28049	0.31707	0.56210	0.35684	0.56399	0.55135	0.62551	0.89543	0.93519	0.96791
17	0.01562	0.52826	0.24444	0.26166	0.51549	0.31637	0.52971	0.50394	0.58414	0.88755	0.93040	0.96241
18	0.00759	0.49430	0.21142	0.21089	0.46659	0.27843	0.49581	0.45637	0.54190	0.87958	0.92555	0.95622
19	0.00333	0.46089	0.18147	0.16561	0.42193	0.24320	0.46247	0.40920	0.49918	0.87152	0.92063	0.94928
20	0.00130	0.42822	0.15455	0.12638	0.37606	0.21079	0.42984	0.36299	0.45637	0.86337	0.91565	0.94152
21	0.00045	0.39643	0.13059	0.09345	0.33153	0.18127	0.39807	0.31832	0.41388	0.85514	0.91061	0.93286
22	0.00013	0.36565	0.10946	0.06675	0.28884	0.15465	0.36732	0.27570	0.37213	0.84685	0.90551	0.92323
23	0.00003	0.33601	0.09100	0.04589	0.24849	0.13085	0.33769	0.23563	0.33153	0.83849	0.90038	0.91253
24	0.00001	0.30761	0.07502	0.03025	0.21089	0.10980	0.30928	0.19852	0.29247	0.83008	0.89516	0.90069
25	0.00000	0.28054	0.06133	0.01904	0.17638	0.09136	0.28219	0.16469	0.25532	0.82162	0.88991	0.88760
26	0.00000	0.25485	0.04971	0.01139	0.14521	0.07535	0.25648	0.13437	0.22041	0.81311	0.88461	0.87319
27	0.00000	0.23061	0.03994	0.00644	0.11755	0.06160	0.23220	0.10770	0.18801	0.80458	0.87927	0.85734
28	0.00000	0.20784	0.03180	0.00343	0.09345	0.04991	0.20939	0.08468	0.15834	0.79601	0.87389	0.83998
29	0.00000	0.18656	0.02510	0.00170	0.07286	0.04007	0.18805	0.06522	0.13154	0.78742	0.86847	0.82101
30	0.00000	0.16677	0.01962	0.00078	0.05562	0.03186	0.16821	0.04912	0.10770	0.77881	0.86302	0.80033
31	0.00000	0.14846	0.01520	0.00033	0.04152	0.02509	0.14983	0.03613	0.08682	0.77019	0.85753	0.77788
32	0.00000	0.13161	0.01166	0.00013	0.03025	0.01957	0.13290	0.02569	0.06863	0.76157	0.85200	0.75359
33	0.00000	0.11616	0.00886	0.00005	0.02148	0.01511	0.11738	0.01805	0.05361	0.75294	0.84645	0.72740
34	0.00000	0.10208	0.00667	0.00001	0.01483	0.01155	0.10323	0.01222	0.04097	0.74431	0.84087	0.69929
35	0.00000	0.08932	0.00497	0.00000	0.00993	0.00874	0.09038	0.00801	0.03069	0.73570	0.83527	0.66926
36	0.00000	0.07780	0.00366	0.00000	0.00644	0.00654	0.07878	0.00507	0.02249	0.72709	0.82964	0.63732
37	0.00000	0.06746	0.00267	0.00000	0.00404	0.00484	0.06836	0.00309	0.01611	0.71850	0.82399	0.60355
38	0.00000	0.05822	0.00193	0.00000	0.00244	0.00355	0.05905	0.00181	0.01126	0.70993	0.81833	0.56806
39	0.00000	0.05001	0.00138	0.00000	0.00141	0.00257	0.05077	0.00102	0.00766	0.70136	0.81264	0.53101
40	0.00000	0.04276	0.00098	0.00000	0.00078	0.00184	0.04344	0.00055	0.00507	0.69286	0.80694	0.49262
41	0.00000	0.03638	0.00068	0.00000	0.00042	0.00130	0.03700	0.00028	0.00326	0.68437	0.80122	0.45316
42	0.00000	0.03081	0.00047	0.00000	0.00021	0.00091	0.03136	0.00013	0.00203	0.67591	0.79550	0.41296
43	0.00000	0.02596	0.00032	0.00000	0.00010	0.00063	0.02644	0.00006	0.00122	0.66749	0.78976	0.37243
44	0.00000	0.02178	0.00022	0.00000	0.00005	0.00043	0.02219	0.00003	0.00071	0.65911	0.78401	0.33200
45	0.00000	0.01815	0.00015	0.00000	0.00002	0.00029	0.01853	0.00001	0.00039	0.65078	0.77826	0.29218
46	0.00000	0.01506	0.00010	0.00000	0.00001	0.00019	0.01539	0.00000	0.00021	0.64248	0.77250	0.25349
47	0.00000	0.01243	0.00006	0.00000	0.00000	0.00013	0.01271	0.00000	0.00011	0.63424	0.76674	0.21645
48	0.00000	0.01020	0.00004	0.00000	0.00000	0.00008	0.01045	0.00000	0.00005	0.62605	0.76098	0.18159
49	0.00000	0.00833	0.00003	0.00000	0.00000	0.00005	0.00854	0.00000	0.00002	0.61790	0.75521	0.14939
50	0.00000	0.00677	0.00002	0.00000	0.00000	0.00003	0.00695	0.00000	0.00001	0.60982	0.74945	0.12025
51	0.00000	0.00546	0.00001	0.00000	0.00000	0.00002	0.00562	0.00000	0.00000	0.60179	0.74369	0.09447
52	0.00000	0.00439	0.00001	0.00000	0.00000	0.00001	0.00452	0.00000	0.00000	0.59381	0.73793	0.07228
53	0.00000	0.00350	0.00000	0.00000	0.00000	0.00001	0.00361	0.00000	0.00000	0.58590	0.73218	0.05384
54	0.00000	0.00278	0.00000	0.00000	0.00000	0.00000	0.00287	0.00000	0.00000	0.57805	0.72643	0.03852
55	0.00000	0.00220	0.00000	0.00000	0.00000	0.00000	0.00227	0.00000	0.00000	0.57026	0.72069	0.02666
56	0.00000	0.00172	0.00000	0.00000	0.00000	0.00000	0.00178	0.00000	0.00000	0.56254	0.71495	0.01771
57	0.00000	0.00134	0.00000	0.00000	0.00000	0.00000	0.00139	0.00000	0.00000	0.55488	0.70923	0.01124
58	0.00000	0.00104	0.00000	0.00000	0.00000	0.00000	0.00108	0.00000	0.00000	0.54728	0.70352	0.00678
59	0.00000	0.00080	0.00000	0.00000	0.00000	0.00000	0.00083	0.00000	0.00000	0.53976	0.69782	0.00387
60	0.00000	0.00061	0.00000	0.00000	0.00000	0.00000	0.00064	0.00000	0.00000	0.53230	0.69213	0.00207
61	0.00000	0.00047	0.00000	0.00000	0.00000	0.00000	0.00049	0.00000	0.00000	0.52492	0.68646	0.00104
62	0.00000	0.00035	0.00000	0.00000	0.00000	0.00000	0.00037	0.00000	0.00000	0.51760	0.68080	0.00048
63	0.00000	0.00026	0.00000	0.00000	0.00000	0.00000	0.00028	0.00000	0.00000	0.51036	0.67515	0.00020
64	0.00000	0.00020	0.00000	0.00000	0.00000	0.00000	0.00021	0.00000	0.00000	0.50318	0.66953	0.00008
65	0.00000	0.00015	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00000	0.49608	0.66392	0.00003
66	0.00000	0.00011	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00000	0.48906	0.65833	0.00001
67	0.00000	0.00008	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.48210	0.65275	0.00000
68	0.00000	0.00006	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.47522	0.64720	0.00000
69	0.00000	0.00004	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.46842	0.64167	0.00000
70	0.00000	0.00003	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.46168	0.63616	0.00000
71	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.45502	0.63067	0.00000
72	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.44844	0.62521	0.00000
73	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.44193	0.61977	0.00000
74	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.43550	0.61435	0.00000
75	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.42914	0.60896	0.00000
76	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.42285	0.60359	0.00000
77	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.41664	0.59825	0.00000
78	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.41051	0.59293	0.00000
79	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.40445	0.58764	0.00000
80	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39846	0.58238	0.00000
81	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39254	0.57715	0.00000

Given Yr — Fraction of Original Plant Being Retired in Given Year

1	0.00443	0.01235	0.00769	0.00018	0.04110	0.02258	0.00676	0.04263	0.01046	0.01261	0.02691	0.03017	0.01375	0.03200	0.00811	0.00563	0.01985	0.01372	0.00573	0.00504	0.00494	0.00327	0.00019
2	0.00865	0.01288	0.00787	0.00019	0.04086	0.02492	0.01823	0.05935	0.01780	0.02237	0.03012	0.04132	0.01624	0.03638	0.01303	0.00835	0.02460	0.01619	0.00854	0.00730	0.00521	0.00339	0.00033
3	0.01621	0.01359	0.00810	0.00020	0.04051	0.02708	0.03305	0.07317	0.02563	0.03283	0.03304	0.05243	0.01863	0.04027	0.01825	0.01121	0.02908	0.01857	0.01148	0.00966	0.00546	0.00351	0.00049
4	0.02953	0.01455	0.00837	0.00021	0.04007	0.02905	0.05146	0.08390	0.03379	0.04367	0.03564	0.06298	0.02091	0.04361	0.02370	0.01419	0.03320	0.02084	0.01455	0.01212	0.00570	0.00362	0.00066
5	0.05226	0.01580	0.00869	0.00022	0.03955	0.03082	0.07210	0.09046	0.04206	0.05447	0.03789	0.07236	0.02306	0.04636	0.02929	0.01725	0.03691	0.02298	0.01771	0.01465	0.00593	0.00373	0.00085
6	0.08870	0.01743	0.00908	0.00022	0.03893	0.03237	0.09655	0.09286	0.05017	0.06468	0.03976	0.07995	0.02507	0.04849	0.03491	0.02038	0.04015	0.02498	0.02094	0.01724	0.00615	0.00384	0.00106
7	0.14042	0.01934	0.00954	0.00023	0.03824	0.03369	0.11882	0.09130	0.05977	0.07369	0.04126	0.08515	0.02691	0.04998	0.04043	0.02355	0.04287	0.02681	0.02419	0.01987	0.00636	0.00394	0.00129
8	0.19654	0.02223	0.01008	0.00024	0.03747	0.03479	0.13508	0.08626	0.06450	0.08082	0.04236	0.08745	0.02857	0.05084	0.04571	0.02671	0.04505	0.02847	0.02744	0.02251	0.00655	0.00404	0.00155
9	0.22085	0.02565	0.01072	0.00025	0.03663	0.03564	0.13940	0.07848	0.06997	0.08541	0.04307	0.08651	0.03004	0.05108	0.05056	0.02982	0.04665	0.02994	0.03063	0.02513	0.00674	0.00413	0.00184
10	0.16834	0.02991	0.01148	0.00026	0.03572	0.03626	0.12712	0.06883	0.07380	0.08693	0.04340	0.08230	0.03132	0.05072	0.05481	0.03283	0.04767	0.03121	0.03372	0.02771	0.00692	0.00423	0.00215
11	0.06561	0.03516	0.01236	0.00028	0.03476	0.03664	0.09856	0.05823	0.07566	0.08504	0.04335	0.07506	0.03239	0.04981	0.05829	0.03569	0.04812	0.03228	0.03664	0.03021	0.00708	0.00432	0.00250
12	0.00830	0.04149	0.01339	0.00029	0.03375	0.03678	0.06164	0.04752	0.07532	0.07973	0.04295	0.06540	0.03324	0.04840	0.06082	0.03835	0.04801	0.03314	0.03933	0.03259	0.00724	0.00440	0.00289
13	0.00016	0.04891	0.01459	0.00030	0.03269	0.03671	0.02896	0.03741	0.07267	0.07134	0.04222	0.05420	0.03389	0.04654	0.06224	0.04075	0.04737	0.03378	0.04175	0.03482	0.00738	0.00448	0.00332
14	0.00000	0.05727	0.01597	0.00031	0.03159	0.03642	0.00930	0.02839	0.06781	0.06062	0.04118	0.04249	0.03431	0.04430	0.06244	0.04283	0.04624	0.03422	0.04382	0.03685	0.00752	0.00456	0.00379
15	0.00000	0.06618	0.01756	0.00032	0.03046	0.03592	0.00180	0.02076	0.06101	0.04863	0.03986	0.03132	0.03453	0.04176	0.06136	0.04453	0.04468	0.03444	0.04549	0.03864	0.00764	0.00464	0.00431
16	0.00000	0.07488	0.01939	0.00034	0.02930	0.03524	0.00018	0.01461	0.05275	0.03657	0.03831	0.02155	0.03454	0.03899	0.05899	0.04581	0.04273	0.03445	0.04670	0.04016	0.00776	0.00471	0.00487
17	0.00000	0.08213	0.02146	0.00035	0.02812	0.03438	0.00001	0.00990	0.04366	0.02557	0.03656	0.01373	0.03435	0.03605	0.05541	0.04661	0.04046	0.03427	0.04740	0.04137	0.00787	0.00479	0.00550
18	0.00000	0.08629	0.02380	0.00036	0.02692	0.03336	0.00000	0.00544	0.03442	0.01646	0.03464	0.00803	0.03396	0.03302	0.05077	0.04690	0.03794	0.03390	0.04737	0.04223	0.00797	0.00485	0.00619
19	0.00000	0.08552	0.02641	0.00038	0.02572	0.03221	0.00000	0.00402	0.02571	0.00965	0.03259	0.00426	0.03340	0.02995	0.04528	0.04666	0.03523	0.03335	0.04717	0.04272	0.00807	0.00492	0.00694
20	0.00000	0.07840	0.02929	0.00039	0.02451	0.03094	0.00000	0.00741	0.01809	0.00509	0.03045	0.00203	0.03267	0.02692	0.03923	0.04587	0.03241	0.03263	0.04620	0.04281	0.00815	0.00498	0.00776
21	0.00000	0.06484	0.03242	0.00041	0.02331	0.02957	0.00000	0.00138	0.01191	0.00238	0.02826	0.00086	0.03179	0.02396	0.03293	0.04454	0.02952	0.03176	0.04468	0.04249	0.00823	0.00504	0.00866
22	0.00000	0.04683	0.03576	0.00042	0.02211	0.02811	0.00000	0.00076	0.00728	0.00097	0.02604	0.00031	0.03078	0.02113	0.02670	0.04268	0.02663	0.03076	0.04261	0.04175	0.00830	0.00510	0.00964
23	0.00000	0.02834	0.03925	0.00044	0.02093	0.02660	0.00000	0.00040	0.00409	0.00034	0.02384	0.00010	0.02964	0.01846	0.02086	0.04035	0.02379	0.02963	0.04007	0.04060	0.00836	0.00515	0.01070
24	0.00000	0.01362	0.04278	0.00046	0.01976	0.02504	0.00000	0.00020	0.00209	0.00010	0.02168	0.00003	0.02840	0.01597	0.01564	0.03760	0.02105	0.02840	0.03712	0.03906	0.00841	0.00520	0.01184
25	0.00000	0.00485	0.04620	0.00048	0.01861	0.02346	0.00000	0.00009	0.00097	0.00002	0.01957	0.00001	0.02708	0.01369	0.01121	0.03451	0.01845	0.02709	0.03383	0.03715	0.00846	0.00525	0.01308
26	0.00000	0.00117	0.04934	0.00049	0.01749	0.02187	0.00000	0.00004	0.00040	0.00000	0.01755	0.00000	0.02568	0.01162	0.00765	0.03116	0.01600	0.02571	0.03031	0.03491	0.00850	0.00530	0.01442
27	0.00000	0.00017	0.05193	0.00051	0.01639	0.02029	0.00000	0.00002	0.00014	0.00000	0.01564	0.00000	0.02424	0.00977	0.00495	0.02766	0.01375	0.02428	0.02667	0.03240	0.00854	0.00534	0.01584
28	0.00000	0.00001	0.05372	0.00053	0.01533	0.01873	0.00000	0.00001	0.00004	0.00000	0.01383	0.00000	0.02277	0.00813	0.00302	0.02410	0.01169	0.02281	0.02302	0.02967	0.00857	0.00538	0.01736
29	0.00000	0.00000	0.05441	0.00055	0.01430	0.01721	0.00000	0.00000	0.00001	0.00000	0.01215	0.00000	0.02128	0.00671	0.00172	0.02059	0.00984	0.02133	0.01946	0.02680	0.00859	0.00542	0.01898
30	0.00000	0.00000	0.05373	0.00057	0.01331	0.01573	0.00000	0.00000	0.00000	0.00000	0.01060	0.00000	0.01979	0.00547	0.00092	0.01723	0.00820	0.01985	0.01609	0.02384	0.00861	0.00546	0.02067
31	0.00000	0.00000	0.05145	0.00060	0.01235	0.01431	0.00000	0.00000	0.00000	0.00000	0.00919	0.00000	0.01831	0.00442	0.00045	0.01410	0.00677	0.01838	0.01300	0.02089	0.00862	0.00549	0.02245
32	0.00000	0.00000	0.04752	0.00062	0.01144	0.01296	0.00000	0.00000	0.00000	0.00000	0.00798	0.00000	0.01686	0.00354	0.00020	0.01127	0.00552	0.01693	0.01023	0.01799	0.00863	0.00552	0.02429
33	0.00000	0.00000	0.04201	0.00064	0.01056	0.01167	0.00000	0.00000	0.00000	0.00000	0.00675	0.00000	0.01544	0.00280	0.00008	0.00878	0.00446	0.01552	0.00784	0.01522	0.00863	0.00555	0.02619
34	0.00000	0.00000	0.03528	0.00067	0.00973	0.01046	0.00000	0.00000	0.00000	0.00000	0.00573	0.00000	0.01408	0.00219	0.00003	0.00665	0.00356	0.01415	0.00584	0.01264	0.00863	0.00558	0.02811
35	0.00000	0.00000	0.02787	0.00069	0.00894	0.00933	0.00000	0.00000	0.00000	0.00000	0.00482	0.00000	0.01277	0.00170	0.00001	0.00489	0.00281	0.01285	0.00421	0.01029	0.00862	0.00560	0.03004
36	0.00000	0.00000	0.02047	0.00072	0.00820	0.00828	0.00000	0.00000	0.00000	0.00000	0.00403	0.00000	0.01152	0.00130	0.00000	0.00349	0.00220	0.01160	0.00294	0.00820	0.00861	0.00563	0.03194
37	0.00000	0.00000	0.01379	0.00074	0.00749	0.00731	0.00000	0.00000	0.00000	0.00000	0.00335	0.00000	0.01034	0.00099	0.00000	0.00241	0.00170	0.01042	0.00198	0.00638	0.00859	0.00565	0.03377
38	0.00000	0.00000	0.00840	0.00077	0.00683	0.00642	0.00000	0.00000	0.00000	0.00000	0.00276	0.00000	0.00924	0.00074	0.00000	0.00160	0.00130	0.00931	0.00128	0.00485	0.00857	0.00567	0.03549
39	0.00000	0.00000	0.00453	0.00080	0.00621	0.00561	0.00000	0.00000	0.00000	0.00000	0.00225	0.00000	0.00821	0.00055	0.00000	0.00102	0.00098	0.00828	0.00080	0.00360	0.00855	0.00569	0.03705
40	0.00000	0.00000	0.00212	0.00083	0.00563	0.00488	0.00000	0.00000	0.00000	0.00000	0.00183	0.00000	0.00725	0.00040	0.00000	0.00063	0.00073	0.00733	0.00047	0.00259	0.00852	0.00570	0.03839
41	0.00000	0.00000	0.00084	0.00086	0.00510	0.00422	0.00000	0.00000	0.00000	0.00000	0.00147	0.00000	0.00638	0.00029	0.00000	0.00037	0.00054	0.00645	0.00027	0.00181	0.00849	0.00571	0.03946
42	0.00000	0.00000	0.00027	0.00089	0.00460	0.00364	0.00000	0.00000	0.00000	0.00000	0.00118	0.00000	0.00558	0.00021	0.00000	0.00021	0.00039	0.00564	0.00014	0.00123	0.00846	0.00573	0.04020
43	0.00000	0.00000	0.00007	0.00092	0.00413	0.00311	0.00000	0.00000	0.00000	0.00000	0.00093	0.00000	0.00485	0.00015	0.00000	0.00011	0.00028	0.00491	0.00007	0.00081	0.00842	0.00574	0.04053
44	0.00000	0.00000	0.00001	0.00096	0.00371	0.00265	0.00000	0.00000	0.00000	0.00000	0.00073	0.00000	0.00420	0.00010	0.00000	0.00006	0.00020	0.00425	0.00004	0.00051	0.00838	0.00575	0.04042
45	0.00000	0.00000	0.00000	0.00099	0.00332	0.00225	0.00000	0.00000	0.00000	0.00000	0.00057	0.00000	0.00361	0.00007	0.00000	0.00003	0.00014	0.00366	0.00002	0.00031	0.00834	0.00575	0.03982
46	0.00000	0.00000	0.00000	0.00103	0.00296	0.00189	0.00000	0.00000	0.00000	0.00000	0.00044	0.00000	0.00309	0.00005	0.00000	0.00001	0.00010	0.00314	0.00001	0.00018	0.00829	0.00576	0.03870
47	0.00000	0.00000	0.00000	0.00106	0.00263	0.00159	0.00000	0.00000	0.00000	0.00000	0.00034	0.00000	0.00263	0.00003	0.00000	0.00000	0.00007	0.00267	0.00000	0.00010	0.00824	0.00576	0.03704
48	0.00000	0.00000	0.00000	0.00110	0.00233	0.00132	0.00000	0.00000	0.00000	0.00000	0.00026	0.00000	0.00222	0.00002	0.00000	0.00000	0.00004	0.00226	0.00000	0.00006	0.00819	0.00576	0.03486
49	0.00000	0.00000	0.00000	0.00114	0.00206	0.00110	0.00000	0.00000	0.00000	0.00000	0.00020	0.00000	0.00187	0.00001	0.00000	0.00000	0.00003	0.00191	0.00000	0.00003	0.00814	0.00576	0.03220
50	0.00000	0.00000	0.00000	0.00118	0.00182	0.00090	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00157	0.00001	0.00000	0.00000	0.00002	0.00160	0.00000	0.00001	0.00809	0.00576	0.02914
51	0.00000	0.00000	0.00000	0.00123	0.00160	0.00074	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00130	0.00001	0.00000	0.00000	0.00001	0.00133	0.00000	0.00001	0.00803	0.00576	0.02577
52	0.00000	0.00000	0.00000	0.00127	0.00140	0.00060	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00108	0.00000	0.00000	0.00000	0.00001	0.00110	0.00000	0.00000	0.00797	0.00576	0.02222
53	0.00000	0.00000	0.00000	0.00131	0.00122	0.00049	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00088	0.00000	0.00000	0.00000	0.00000	0.00091	0.00000	0.00000	0.00791	0.00575	0.01862
54	0.00000	0.00000	0.00000	0.00136	0.00107	0.00039	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00072	0.00000	0.00000	0.00000	0.00000	0.00074	0.00000	0.00000	0.00785	0.00575	0.01512
55	0.00000	0.00000	0.00000	0.00141	0.00093	0.00032	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00059	0.00000	0.00000	0.00000	0.00000	0.00060	0.00000	0.00000	0.00779	0.00574	0.01186
56	0.00000	0.00000	0.00000	0.00146	0.00080	0.00025	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00047	0.00000	0.00000	0.00000	0.00000	0.00049	0.00000	0.00000	0.00772	0.00573	0.00895
57	0.00000	0.00000	0.00000	0.00151	0.00069	0.00020	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00038	0.00000	0.00000	0.00000	0.00000	0.00039	0.00000	0.00000	0.00766	0.00572	0.00647
58	0.00000	0.00000	0.00000	0.00156	0.00060	0.00016	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00030	0.00000	0.00000	0.00000	0.00000	0.00031	0.00000	0.00000	0.00759	0.00571	0.00446
59	0.00000	0.00000	0.00000	0.00162	0.00051	0.00012	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00024	0.00000	0.00000	0.00000	0.00000	0.00025	0.00000	0.00000	0.00752	0.00570	0.00291
60	0.00000	0.00000	0.00000	0.00168	0.00044	0.00010	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00019	0.00000	0.00000	0.00000	0.00000	0.00019	0.00000	0.00000	0.00746	0.00569	0.00180
61	0.00000	0.00000	0.00000	0.00174	0.00037	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00000	0.00739	0.00567	0.00104
62	0.00000	0.00000	0.00000	0.00180	0.00032	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00000	0.00000	0.00000	0.00012	0.00000	0.00000	0.00732	0.00566	0.00056
63	0.00000	0.00000	0.00000	0.00186	0.00027	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00009	0.00000	0.00000	0.00000	0.00000	0.00009	0.00000	0.00000	0.00724	0.00564	0.00028
64	0.00000	0.00000	0.00000	0.00192	0.00022	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00000	0.00717	0.00563	0.00013
65	0.00000	0.00000	0.00000	0.00199	0.00019	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00710	0.00561	0.00005
66	0.00000	0.00000	0.00000	0.00206	0.00016	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00703	0.00559	0.00002
67	0.00000	0.00000	0.00000	0.00213	0.00013	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00695	0.00557	0.00001
68	0.00000	0.00000	0.00000	0.00220	0.00011	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00688	0.00555	0.00000
69	0.00000	0.00000	0.00000	0.00228	0.00009	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00681	0.00553	0.00000
70	0.00000	0.00000	0.00000	0.00235	0.00007	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00673	0.00551	0.00000
71	0.00000	0.00000	0.00000	0.00243	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00666	0.00549	0.00000
72	0.00000	0.00000	0.00000	0.00251	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00658	0.00547	0.00000
73	0.00000	0.00000	0.00000	0.00260	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00651	0.00544	0.00000
74	0.00000	0.00000	0.00000	0.00269	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00643	0.00542	0.00000
75	0.00000	0.00000	0.00000	0.00278	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00636	0.00539	0.00000
76	0.00000	0.00000	0.00000	0.00287	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00628	0.00537	0.00000
77	0.00000	0.00000	0.00000	0.00296	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00621	0.00534	0.00000
78	0.00000	0.00000	0.00000	0.00306	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00614	0.00532	0.00000
79	0.00000	0.00000	0.00000	0.00316	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00606	0.00529	0.00000
80	0.00000	0.00000	0.00000	0.00326	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00599	0.00526	0.00000
81	0.00000	0.00000	0.00000	0.00337	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00591	0.00523	0.00000

Given Yr — SL Depr — Fraction of Original Plant Depreciating Away in Given Year

1	1.0000	0.13945	0.09334	0.06247	0.00241	0.14840	0.11562	0.14985	0.20859	0.12351	0.13922	0.13185	0.17734	0.09362	0.14973	0.10420	0.08081	0.12322	0.09342	0.08186	0.07427	0.03227	0.02108	0.02938
2	0.5000	0.13502	0.08099	0.05479	0.00222	0.10730	0.09303	0.14289	0.16598	0.11305	0.12681	0.10494	0.14717	0.07986	0.11772	0.09809	0.07498	0.10337	0.07970	0.07592	0.06923	0.02733	0.01781	0.02919
3	0.3333	0.13069	0.07455	0.05085	0.00213	0.08687	0.08058	0.13377	0.13629	0.10415	0.11543	0.08987	0.12651	0.07174	0.09953	0.08958	0.07080	0.09106	0.07161	0.07165	0.06558	0.02473	0.01611	0.02902
4	0.2500	0.12529	0.07002	0.04815	0.00206	0.07336	0.07155	0.12276	0.11183	0.09561	0.10448	0.07886	0.10903	0.06553	0.08611	0.08349	0.06706	0.08137	0.06542	0.06783	0.06238	0.02291	0.01495	0.02886
5	0.2000	0.11790	0.06638	0.04606	0.00201	0.06335	0.06429	0.10989	0.09086	0.08716	0.09358	0.06995	0.09329	0.06030	0.07521	0.07757	0.06351	0.07307	0.06021	0.06419	0.05933	0.02148	0.01404	0.02870
6	0.1667	0.10745	0.06322	0.04432	0.00187	0.05544	0.05812	0.09527	0.07276	0.07875	0.08267	0.06237	0.07882	0.05568	0.06594	0.07171	0.06008	0.06569	0.05581	0.06065	0.05640	0.02030	0.01328	0.02853
7	0.1429	0.09267	0.06032	0.04261	0.00193	0.04895	0.05273	0.07918	0.05729	0.07039	0.07189	0.05574	0.06549	0.05151	0.05786	0.06589	0.05667	0.05900	0.05145	0.05716	0.05353	0.01927	0.01265	0.02835

8	0.1250	0.07261	0.05753	0.04145	0.00190	0.04348	0.04791	0.06221	0.04424	0.06213	0.06136	[illegible]	0.05333	0.04767	0.05072	0.06012	0.05330	0.05287	0.04762	0.05370	0.05069	0.01837	0.01209	0.02817
9	0.1111	0.04804	0.05475	0.04019	0.00187	0.03880	0.04357	0.04532	0.03346	0.05407	0.05126	[illegible]	0.04240	0.04410	0.04436	0.05440	0.04996	0.04724	0.04406	0.05027	0.04788	0.01755	0.01159	0.02797
10	0.1000	0.02350	0.05190	0.03900	0.00184	0.03473	0.03961	0.02983	0.02474	0.04630	0.04177	0.03977	0.03278	0.04076	0.03869	0.04878	0.04665	0.04206	0.04074	0.04687	0.04509	0.01680	0.01113	0.02777
11	0.0909	0.00667	0.04891	0.03785	0.00181	0.03116	0.03598	0.01712	0.01786	0.03892	0.03308	0.03543	0.02455	0.03763	0.03361	0.04331	0.04337	0.03729	0.03761	0.04350	0.04232	0.01611	0.01071	0.02755
12	0.0833	0.00070	0.04571	0.03673	0.00179	0.02800	0.03265	0.00816	0.01257	0.03204	0.02535	0.03149	0.01773	0.03469	0.02909	0.03801	0.04012	0.03292	0.03468	0.04017	0.03957	0.01546	0.01031	0.02733
13	0.0769	0.00001	0.04225	0.03561	0.00176	0.02519	0.02958	0.00302	0.00861	0.02576	0.01870	0.02791	0.01228	0.03192	0.02505	0.03294	0.03693	0.02892	0.03192	0.03689	0.03665	0.01486	0.00995	0.02708
14	0.0714	0.00000	0.03849	0.03449	0.00174	0.02267	0.02676	0.00080	0.00573	0.02017	0.01322	0.02466	0.00811	0.02931	0.02147	0.02815	0.03379	0.02527	0.02932	0.03368	0.03418	0.01429	0.00960	0.02683
15	0.0667	0.00000	0.03440	0.03335	0.00172	0.02042	0.02416	0.00013	0.00370	0.01533	0.00889	0.02172	0.00508	0.02686	0.01831	0.02369	0.03073	0.02197	0.02688	0.03055	0.03154	0.01375	0.00928	0.02656
16	0.0625	0.00000	0.02999	0.03218	0.00170	0.01838	0.02176	0.00001	0.00232	0.01126	0.00564	0.01906	0.00299	0.02456	0.01553	0.01960	0.02776	0.01699	0.02458	0.02752	0.02897	0.01325	0.00897	0.02627
17	0.0588	0.00000	0.02531	0.03096	0.00168	0.01655	0.01956	0.00000	0.00140	0.00796	0.00336	0.01667	0.00164	0.02240	0.01309	0.01591	0.02490	0.01632	0.02243	0.02460	0.02646	0.01276	0.00867	0.02597
18	0.0556	0.00000	0.02048	0.02970	0.00166	0.01490	0.01754	0.00000	0.00082	0.00539	0.00185	0.01452	0.00083	0.02038	0.01097	0.01265	0.02216	0.01394	0.02041	0.02181	0.02402	0.01230	0.00839	0.02564
19	0.0526	0.00000	0.01568	0.02838	0.00164	0.01340	0.01569	0.00000	0.00046	0.00348	0.00094	0.01259	0.00039	0.01849	0.00913	0.00983	0.01955	0.01183	0.01853	0.01917	0.02168	0.01185	0.00812	0.02530
20	0.0500	0.00000	0.01118	0.02699	0.00162	0.01205	0.01399	0.00000	0.00025	0.00213	0.00043	0.01088	0.00016	0.01673	0.00756	0.00745	0.01710	0.00998	0.01677	0.01668	0.01943	0.01143	0.00786	0.02493
21	0.0476	0.00000	0.00726	0.02553	0.00160	0.01082	0.01244	0.00000	0.00013	0.00122	0.00018	0.00936	0.00006	0.01510	0.00621	0.00549	0.01480	0.00836	0.01514	0.01437	0.01729	0.01102	0.00761	0.02455
22	0.0455	0.00000	0.00417	0.02398	0.00158	0.00971	0.01104	0.00000	0.00007	0.00066	0.00006	0.00801	0.00002	0.01358	0.00507	0.00392	0.01268	0.00695	0.01363	0.01224	0.01526	0.01063	0.00737	0.02413
23	0.0435	0.00000	0.00205	0.02236	0.00156	0.00871	0.00976	0.00000	0.00003	0.00033	0.00002	0.00683	0.00001	0.01219	0.00411	0.00271	0.01074	0.00574	0.01223	0.01031	0.01337	0.01025	0.00714	0.02370
24	0.0417	0.00000	0.00081	0.02065	0.00154	0.00780	0.00860	0.00000	0.00001	0.00015	0.00001	0.00579	0.00000	0.01090	0.00331	0.00180	0.00899	0.00471	0.01094	0.00857	0.01160	0.00989	0.00692	0.02323
25	0.0400	0.00000	0.00025	0.01887	0.00152	0.00698	0.00756	0.00000	0.00001	0.00006	0.00000	0.00489	0.00000	0.00971	0.00264	0.00115	0.00742	0.00383	0.00976	0.00702	0.00997	0.00954	0.00670	0.02274
26	0.0385	0.00000	0.00005	0.01702	0.00150	0.00623	0.00662	0.00000	0.00000	0.00002	0.00000	0.00410	0.00000	0.00863	0.00209	0.00070	0.00604	0.00309	0.00867	0.00567	0.00849	0.00920	0.00649	0.02221
27	0.0370	0.00000	0.00001	0.01512	0.00148	0.00556	0.00578	0.00000	0.00000	0.00001	0.00000	0.00343	0.00000	0.00764	0.00165	0.00041	0.00484	0.00248	0.00769	0.00450	0.00715	0.00887	0.00629	0.02166
28	0.0357	0.00000	0.00000	0.01320	0.00146	0.00495	0.00503	0.00000	0.00000	0.00000	0.00000	0.00285	0.00000	0.00674	0.00128	0.00022	0.00382	0.00197	0.00679	0.00351	0.00595	0.00856	0.00609	0.02107
29	0.0345	0.00000	0.00000	0.01128	0.00144	0.00440	0.00436	0.00000	0.00000	0.00000	0.00000	0.00236	0.00000	0.00593	0.00099	0.00011	0.00296	0.00155	0.00597	0.00269	0.00489	0.00825	0.00590	0.02045
30	0.0333	0.00000	0.00000	0.00940	0.00142	0.00391	0.00376	0.00000	0.00000	0.00000	0.00000	0.00194	0.00000	0.00520	0.00076	0.00006	0.00225	0.00121	0.00524	0.00202	0.00396	0.00796	0.00571	0.01980
31	0.0323	0.00000	0.00000	0.00761	0.00141	0.00347	0.00324	0.00000	0.00000	0.00000	0.00000	0.00158	0.00000	0.00454	0.00058	0.00002	0.00167	0.00094	0.00457	0.00148	0.00317	0.00767	0.00553	0.01911
32	0.0313	0.00000	0.00000	0.00595	0.00139	0.00307	0.00278	0.00000	0.00000	0.00000	0.00000	0.00129	0.00000	0.00395	0.00044	0.00001	0.00122	0.00072	0.00398	0.00106	0.00249	0.00739	0.00535	0.01839
33	0.0303	0.00000	0.00000	0.00447	0.00137	0.00271	0.00237	0.00000	0.00000	0.00000	0.00000	0.00104	0.00000	0.00342	0.00033	0.00000	0.00087	0.00055	0.00345	0.00074	0.00193	0.00712	0.00518	0.01763
34	0.0294	0.00000	0.00000	0.00319	0.00135	0.00239	0.00202	0.00000	0.00000	0.00000	0.00000	0.00084	0.00000	0.00295	0.00024	0.00000	0.00060	0.00041	0.00298	0.00051	0.00147	0.00686	0.00501	0.01683
35	0.0286	0.00000	0.00000	0.00216	0.00133	0.00211	0.00171	0.00000	0.00000	0.00000	0.00000	0.00067	0.00000	0.00254	0.00018	0.00000	0.00040	0.00031	0.00257	0.00033	0.00110	0.00661	0.00485	0.01601
36	0.0278	0.00000	0.00000	0.00136	0.00131	0.00185	0.00145	0.00000	0.00000	0.00000	0.00000	0.00053	0.00000	0.00217	0.00013	0.00000	0.00026	0.00023	0.00220	0.00021	0.00080	0.00636	0.00469	0.01515
37	0.0270	0.00000	0.00000	0.00079	0.00129	0.00162	0.00122	0.00000	0.00000	0.00000	0.00000	0.00042	0.00000	0.00185	0.00009	0.00000	0.00017	0.00017	0.00188	0.00013	0.00058	0.00612	0.00453	0.01426
38	0.0263	0.00000	0.00000	0.00042	0.00127	0.00142	0.00102	0.00000	0.00000	0.00000	0.00000	0.00033	0.00000	0.00157	0.00007	0.00000	0.00010	0.00012	0.00159	0.00008	0.00040	0.00589	0.00438	0.01335
39	0.0256	0.00000	0.00000	0.00020	0.00125	0.00124	0.00085	0.00000	0.00000	0.00000	0.00000	0.00026	0.00000	0.00133	0.00005	0.00000	0.00006	0.00009	0.00135	0.00005	0.00028	0.00566	0.00423	0.01241
40	0.0250	0.00000	0.00000	0.00008	0.00123	0.00108	0.00070	0.00000	0.00000	0.00000	0.00000	0.00020	0.00000	0.00112	0.00003	0.00000	0.00003	0.00006	0.00114	0.00002	0.00018	0.00544	0.00408	0.01146
41	0.0244	0.00000	0.00000	0.00003	0.00121	0.00094	0.00058	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00094	0.00002	0.00000	0.00002	0.00004	0.00095	0.00001	0.00012	0.00523	0.00384	0.01050
42	0.0238	0.00000	0.00000	0.00001	0.00119	0.00082	0.00048	0.00000	0.00000	0.00000	0.00000	0.00012	0.00000	0.00078	0.00002	0.00000	0.00001	0.00003	0.00080	0.00001	0.00008	0.00502	0.00380	0.00954
43	0.0233	0.00000	0.00000	0.00000	0.00116	0.00071	0.00039	0.00000	0.00000	0.00000	0.00000	0.00009	0.00000	0.00065	0.00001	0.00000	0.00000	0.00002	0.00066	0.00000	0.00005	0.00482	0.00366	0.00858
44	0.0227	0.00000	0.00000	0.00000	0.00114	0.00061	0.00032	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00054	0.00001	0.00000	0.00000	0.00001	0.00055	0.00000	0.00003	0.00463	0.00353	0.00764
45	0.0222	0.00000	0.00000	0.00000	0.00112	0.00053	0.00026	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00044	0.00000	0.00000	0.00000	0.00001	0.00045	0.00000	0.00002	0.00444	0.00340	0.00672
46	0.0217	0.00000	0.00000	0.00000	0.00110	0.00045	0.00021	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00036	0.00000	0.00000	0.00000	0.00001	0.00037	0.00000	0.00001	0.00425	0.00327	0.00584
47	0.0213	0.00000	0.00000	0.00000	0.00108	0.00039	0.00017	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00030	0.00000	0.00000	0.00000	0.00000	0.00030	0.00000	0.00000	0.00407	0.00315	0.00500
48	0.0208	0.00000	0.00000	0.00000	0.00105	0.00033	0.00014	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00024	0.00000	0.00000	0.00000	0.00000	0.00025	0.00000	0.00000	0.00390	0.00302	0.00421
49	0.0204	0.00000	0.00000	0.00000	0.00103	0.00028	0.00011	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00019	0.00000	0.00000	0.00000	0.00000	0.00020	0.00000	0.00000	0.00372	0.00290	0.00348
50	0.0200	0.00000	0.00000	0.00000	0.00101	0.00024	0.00009	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00016	0.00000	0.00000	0.00000	0.00000	0.00016	0.00000	0.00000	0.00356	0.00279	0.00283
51	0.0196	0.00000	0.00000	0.00000	0.00098	0.00020	0.00007	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00012	0.00000	0.00000	0.00000	0.00000	0.00013	0.00000	0.00000	0.00340	0.00267	0.00224
52	0.0192	0.00000	0.00000	0.00000	0.00096	0.00017	0.00005	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00010	0.00000	0.00000	0.00000	0.00000	0.00010	0.00000	0.00000	0.00324	0.00256	0.00174
53	0.0189	0.00000	0.00000	0.00000	0.00094	0.00015	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00309	0.00245	0.00131
54	0.0185	0.00000	0.00000	0.00000	0.00091	0.00012	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.00294	0.00234	0.00098
55	0.0182	0.00000	0.00000	0.00000	0.00089	0.00010	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00279	0.00223	0.00068
56	0.0179	0.00000	0.00000	0.00000	0.00086	0.00009	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00265	0.00213	0.00046
57	0.0175	0.00000	0.00000	0.00000	0.00083	0.00007	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00251	0.00203	0.00030
58	0.0172	0.00000	0.00000	0.00000	0.00081	0.00006	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00238	0.00192	0.00019
59	0.0169	0.00000	0.00000	0.00000	0.00078	0.00005	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00225	0.00183	0.00011
60	0.0167	0.00000	0.00000	0.00000	0.00075	0.00004	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00212	0.00173	0.00006
61	0.0164	0.00000	0.00000	0.00000	0.00073	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00199	0.00163	0.00003
62	0.0161	0.00000	0.00000	0.00000	0.00070	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00187	0.00154	0.00002
63	0.0159	0.00000	0.00000	0.00000	0.00067	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00176	0.00145	0.00001
64	0.0156	0.00000	0.00000	0.00000	0.00064	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00164	0.00136	0.00000
65	0.0154	0.00000	0.00000	0.00000	0.00061	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00153	0.00127	0.00000
66	0.0152	0.00000	0.00000	0.00000	0.00058	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00142	0.00119	0.00000
67	0.0149	0.00000	0.00000	0.00000	0.00055	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00131	0.00110	0.00000
68	0.0147	0.00000	0.00000	0.00000	0.00051	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00121	0.00102	0.00000
69	0.0145	0.00000	0.00000	0.00000	0.00048	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00111	0.00094	0.00000
70	0.0143	0.00000	0.00000	0.00000	0.00045	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00101	0.00086	0.00000
71	0.0141	0.00000	0.00000	0.00000	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00091	0.00078	0.00000
72	0.0139	0.00000	0.00000	0.00000	0.00038	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00082	0.00070	0.00000
73	0.0137	0.00000	0.00000	0.00000	0.00035	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00073	0.00063	0.00000
74	0.0135	0.00000	0.00000	0.00000	0.00031	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00064	0.00055	0.00000
75	0.0133	0.00000	0.00000	0.00000	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00055	0.00048	0.00000
76	0.0132	0.00000	0.00000	0.00000	0.00024	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00047	0.00041	0.00000
77	0.0130	0.00000	0.00000	0.00000	0.00020	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00038	0.00033	0.00000
78	0.0128	0.00000	0.00000	0.00000	0.00016	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00030	0.00027	0.00000
79	0.0127	0.00000	0.00000	0.00000	0.00012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00022	0.00020	0.00000
80	0.0125	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00015	0.00013	0.00000
81	0.0123	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00006	0.00000

Given Yr	Average Net Investment in Given Year																					
1	0.93027	0.95333	0.96876	0.99880	0.92580	0.94219	0.92518	0.89570	0.93824	0.93039	0.93408	0.91133	0.95319	0.92514	0.94790	0.95970	0.93839	0.95328	0.95917	0.96287	0.98386	0.98946	0.98531
2	0.79304	0.86617	0.91013	0.99648	0.79795	0.83787	0.77891	0.70843	0.81996	0.79747	0.81568	0.74907	0.86645	0.79141	0.84776	0.88190	0.82510	0.86673	0.88038	0.89112	0.95406	0.97001	0.95602
3	0.66019	0.78839	0.85731	0.99430	0.70087	0.75106	0.64058	0.55731	0.71136	0.67645	0.71828	0.61223	0.79065	0.68279	0.75492	0.80902	0.72789	0.79107	0.80659	0.82371	0.92803	0.95305	0.92692
4	0.53220	0.71611	0.80781	0.99221	0.62076	0.67500	0.51232	0.43325	0.61148	0.56650	0.63391	0.49446	0.72201	0.58998	0.66838	0.74009	0.64167	0.72256	0.73685	0.75974	0.90421	0.93752	0.89787
5	0.41060	0.64791	0.76070	0.99017	0.55240	0.60708	0.39599	0.33191	0.52010	0.46747	0.55951	0.39330	0.65909	0.50930	0.58785	0.67480	0.56445	0.65974	0.67064	0.69689	0.88201	0.92303	0.86919
6	0.29793	0.58310	0.71551	0.98818	0.49301	0.54588	0.29341	0.25010	0.43714	0.37935	0.49335	0.30725	0.60109	0.43873	0.51321	0.61301	0.49507	0.60183	0.60842	0.64102	0.86112	0.90938	0.84058
7	0.19787	0.52133	0.67194	0.98623	0.44082	0.49046	0.20619	0.18507	0.36258	0.30207	0.43429	0.23510	0.54749	0.37683	0.44441	0.55464	0.43272	0.54830	0.54952	0.58605	0.84133	0.89639	0.81214
8	0.11523	0.46241	0.62981	0.98431	0.39460	0.44014	0.13549	0.13430	0.29632	0.23544	0.38149	0.17569	0.49790	0.32255	0.38140	0.49966	0.37679	0.49876	0.49409	0.53394	0.82252	0.88401	0.78389
9	0.05491	0.40627	0.58900	0.98243	0.35346	0.39440	0.08173	0.09545	0.23822	0.17813	0.33429	0.12783	0.45201	0.27501	0.32414	0.44803	0.32673	0.45292	0.44210	0.48466	0.80456	0.87218	0.75582
10	0.01913	0.35295	0.54940	0.98058	0.31669	0.35281	0.04418	0.06635	0.18804	0.13261	0.29212	0.09024	0.40958	0.23348	0.27254	0.39972	0.28208	0.41052	0.39353	0.43817	0.78739	0.86082	0.72795
11	0.00405	0.30255	0.51098	0.97875	0.28375	0.31502	0.02068	0.04505	0.14543	0.09519	0.25452	0.06157	0.37039	0.19733	0.22650	0.35471	0.24241	0.37135	0.34835	0.39447	0.77093	0.84990	0.70029
12	0.00036	0.25524	0.47369	0.97695	0.25417	0.28070	0.00804	0.02983	0.10995	0.06598	0.22106	0.04043	0.33423	0.16598	0.18584	0.31297	0.20730	0.33520	0.30651	0.35353	0.75515	0.83939	0.67285
13	0.00001	0.21125	0.43753	0.97517	0.22758	0.24959	0.00245	0.01925	0.08106	0.04395	0.19137	0.02542	0.30093	0.13691	0.15037	0.27444	0.17638	0.30190	0.26798	0.31532	0.73999	0.82926	0.64564
14	0.00000	0.17088	0.40248	0.97342	0.20365	0.22142	0.00054	0.01208	0.05809	0.02799	0.16508	0.01523	0.27032	0.11564	0.11982	0.23908	0.14929	0.27128	0.23270	0.27980	0.72541	0.81949	0.61869
15	0.00000	0.13444	0.36856	0.97169	0.18210	0.19596	0.00008	0.00736	0.04034	0.01694	0.14189	0.00863	0.24223	0.09575	0.09390	0.20682	0.12567	0.24318	0.20059	0.24694	0.71139	0.81005	0.59199
16	0.00000	0.10224	0.33580	0.96998	0.16270	0.17299	0.00001	0.00436	0.02705	0.00967	0.12150	0.00460	0.21653	0.07884	0.07226	0.17757	0.10519	0.21746	0.17156	0.21669	0.69789	0.80093	0.56558
17	0.00000	0.07460	0.30423	0.96830	0.14524	0.15233	0.00000	0.00249	0.01744	0.00517	0.10383	0.00229	0.19305	0.06453	0.05450	0.15124	0.08753	0.19395	0.14550	0.18898	0.68489	0.79211	0.53946

18	0.00000	0.05170	0.27390	0.96663	0.12951	0.13378	0.00000	0.00138	0.01076	0.00257	7/23/2002 0.0[illegible]03	0.00105	0.17166	0.05250	0.04021	0.12771	0.07240	0.17254	0.12230	0.16374	0.67236	0.78358	0.51365
19	0.00000	0.03362	0.24486	0.96498	0.11536	0.11717	0.00000	0.00074	0.00632	0.00117	file A0[illegible]448	0.00044	0.15223	0.04245	0.02897	0.10685	0.05951	0.15307	0.10181	0.14089	0.66028	0.77532	0.48818
20	0.00000	0.02019	0.21717	0.96336	0.10263	0.10233	0.00000	0.00038	0.00351	0.00048	0.06274	0.00017	0.13462	0.03411	0.02033	0.08853	0.04860	0.13542	0.08389	0.12033	0.64864	0.76733	0.46307
21	0.00000	0.01097	0.19091	0.96175	0.09119	0.08911	0.00000	0.00019	0.00184	0.00018	0.05262	0.00006	0.11870	0.02722	0.01386	0.07258	0.03944	0.11948	0.06836	0.10198	0.63742	0.75960	0.43832
22	0.00000	0.00525	0.16616	0.96016	0.08092	0.07737	0.00000	0.00009	0.00090	0.00006	0.04394	0.00002	0.10436	0.02158	0.00916	0.05883	0.03178	0.10508	0.05505	0.08570	0.62659	0.75210	0.41398
23	0.00000	0.00214	0.14299	0.95860	0.07171	0.06697	0.00000	0.00004	0.00041	0.00002	0.03652	0.00000	0.09147	0.01699	0.00584	0.04712	0.02543	0.09215	0.04378	0.07138	0.61615	0.74485	0.39007
24	0.00000	0.00071	0.12149	0.95705	0.06346	0.05779	0.00000	0.00002	0.00017	0.00000	0.03021	0.00000	0.07993	0.01328	0.00359	0.03725	0.02021	0.08056	0.03434	0.05890	0.60608	0.73782	0.36661
25	0.00000	0.00018	0.10173	0.95552	0.05607	0.04972	0.00000	0.00001	0.00006	0.00000	0.02487	0.00000	0.06963	0.01031	0.00211	0.02905	0.01594	0.07022	0.02655	0.04611	0.59636	0.73101	0.34362
26	0.00000	0.00003	0.08379	0.95401	0.04946	0.04263	0.00000	0.00000	0.00002	0.00000	0.02037	0.00000	0.06046	0.00794	0.00119	0.02232	0.01247	0.06100	0.02020	0.03888	0.58699	0.72442	0.32115
27	0.00000	0.00000	0.06772	0.95252	0.04357	0.03643	0.00000	0.00000	0.00001	0.00000	0.01661	0.00000	0.05232	0.00607	0.00064	0.01687	0.00989	0.05282	0.01512	0.03107	0.57795	0.71803	0.29921
28	0.00000	0.00000	0.05356	0.95105	0.03831	0.03103	0.00000	0.00000	0.00000	0.00000	0.01347	0.00000	0.04513	0.00460	0.00032	0.01254	0.00746	0.04558	0.01111	0.02452	0.56924	0.71164	0.27784
29	0.00000	0.00000	0.04132	0.94959	0.03364	0.02633	0.00000	0.00000	0.00000	0.00000	0.01086	0.00000	0.03879	0.00346	0.00015	0.00916	0.00570	0.03921	0.00801	0.01911	0.56083	0.70585	0.25708
30	0.00000	0.00000	0.03098	0.94816	0.02948	0.02227	0.00000	0.00000	0.00000	0.00000	0.00872	0.00000	0.03322	0.00259	0.00007	0.00655	0.00432	0.03360	0.00566	0.01468	0.55273	0.70005	0.23696
31	0.00000	0.00000	0.02247	0.94675	0.02579	0.01877	0.00000	0.00000	0.00000	0.00000	0.00696	0.00000	0.02835	0.00191	0.00003	0.00459	0.00325	0.02870	0.00391	0.01112	0.54492	0.69443	0.21750
32	0.00000	0.00000	0.01569	0.94535	0.02252	0.01576	0.00000	0.00000	0.00000	0.00000	0.00552	0.00000	0.02411	0.00140	0.00001	0.00315	0.00242	0.02442	0.00264	0.00829	0.53739	0.68899	0.19876
33	0.00000	0.00000	0.01048	0.94397	0.01963	0.01319	0.00000	0.00000	0.00000	0.00000	0.00438	0.00000	0.02043	0.00102	0.00000	0.00211	0.00179	0.02070	0.00173	0.00608	0.53013	0.68372	0.18075
34	0.00000	0.00000	0.00665	0.94262	0.01708	0.01099	0.00000	0.00000	0.00000	0.00000	0.00342	0.00000	0.01724	0.00074	0.00000	0.00137	0.00131	0.01749	0.00111	0.00438	0.52314	0.67863	0.16352
35	0.00000	0.00000	0.00397	0.94128	0.01483	0.00912	0.00000	0.00000	0.00000	0.00000	0.00266	0.00000	0.01449	0.00053	0.00000	0.00087	0.00095	0.01471	0.00069	0.00309	0.51641	0.67370	0.14710
36	0.00000	0.00000	0.00221	0.93998	0.01285	0.00755	0.00000	0.00000	0.00000	0.00000	0.00207	0.00000	0.01214	0.00037	0.00000	0.00053	0.00068	0.01233	0.00041	0.00214	0.50993	0.66894	0.13153
37	0.00000	0.00000	0.00114	0.93866	0.01111	0.00622	0.00000	0.00000	0.00000	0.00000	0.00159	0.00000	0.01012	0.00026	0.00000	0.00032	0.00048	0.01029	0.00024	0.00145	0.50369	0.66433	0.11682
38	0.00000	0.00000	0.00053	0.93738	0.00959	0.00510	0.00000	0.00000	0.00000	0.00000	0.00122	0.00000	0.00841	0.00018	0.00000	0.00018	0.00034	0.00856	0.00013	0.00098	0.49768	0.65988	0.10302
39	0.00000	0.00000	0.00022	0.93613	0.00826	0.00417	0.00000	0.00000	0.00000	0.00000	0.00093	0.00000	0.00696	0.00012	0.00000	0.00010	0.00024	0.00708	0.00007	0.00062	0.49191	0.65558	0.09014
40	0.00000	0.00000	0.00008	0.93489	0.00710	0.00339	0.00000	0.00000	0.00000	0.00000	0.00070	0.00000	0.00573	0.00009	0.00000	0.00005	0.00016	0.00584	0.00004	0.00039	0.48635	0.65142	0.07820
41	0.00000	0.00000	0.00003	0.93367	0.00609	0.00275	0.00000	0.00000	0.00000	0.00000	0.00053	0.00000	0.00470	0.00006	0.00000	0.00003	0.00011	0.00479	0.00002	0.00024	0.48102	0.64741	0.06721
42	0.00000	0.00000	0.00001	0.93248	0.00521	0.00222	0.00000	0.00000	0.00000	0.00000	0.00039	0.00000	0.00384	0.00004	0.00000	0.00001	0.00007	0.00392	0.00001	0.00014	0.47589	0.64354	0.05719
43	0.00000	0.00000	0.00000	0.93130	0.00445	0.00178	0.00000	0.00000	0.00000	0.00000	0.00029	0.00000	0.00312	0.00003	0.00000	0.00001	0.00005	0.00319	0.00000	0.00008	0.47097	0.63981	0.04813
44	0.00000	0.00000	0.00000	0.93015	0.00379	0.00142	0.00000	0.00000	0.00000	0.00000	0.00021	0.00000	0.00252	0.00002	0.00000	0.00000	0.00003	0.00258	0.00000	0.00005	0.46624	0.63621	0.04002
45	0.00000	0.00000	0.00000	0.92901	0.00322	0.00113	0.00000	0.00000	0.00000	0.00000	0.00016	0.00000	0.00203	0.00001	0.00000	0.00000	0.00002	0.00208	0.00000	0.00002	0.46171	0.63275	0.03283
46	0.00000	0.00000	0.00000	0.92790	0.00273	0.00090	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00163	0.00001	0.00000	0.00000	0.00001	0.00167	0.00000	0.00001	0.45737	0.62941	0.02655
47	0.00000	0.00000	0.00000	0.92682	0.00231	0.00071	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00130	0.00000	0.00000	0.00000	0.00001	0.00133	0.00000	0.00001	0.45321	0.62620	0.02114
48	0.00000	0.00000	0.00000	0.92575	0.00195	0.00056	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00103	0.00000	0.00000	0.00000	0.00001	0.00106	0.00000	0.00000	0.44922	0.62312	0.01653
49	0.00000	0.00000	0.00000	0.92471	0.00165	0.00043	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00082	0.00000	0.00000	0.00000	0.00000	0.00084	0.00000	0.00000	0.44541	0.62016	0.01269
50	0.00000	0.00000	0.00000	0.92369	0.00138	0.00034	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00064	0.00000	0.00000	0.00000	0.00000	0.00066	0.00000	0.00000	0.44177	0.61731	0.00953
51	0.00000	0.00000	0.00000	0.92269	0.00116	0.00026	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00050	0.00000	0.00000	0.00000	0.00000	0.00052	0.00000	0.00000	0.43829	0.61458	0.00700
52	0.00000	0.00000	0.00000	0.92172	0.00097	0.00020	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00039	0.00000	0.00000	0.00000	0.00000	0.00040	0.00000	0.00000	0.43498	0.61197	0.00501
53	0.00000	0.00000	0.00000	0.92077	0.00081	0.00015	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00030	0.00000	0.00000	0.00000	0.00000	0.00031	0.00000	0.00000	0.43181	0.60947	0.00349
54	0.00000	0.00000	0.00000	0.91985	0.00068	0.00012	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00023	0.00000	0.00000	0.00000	0.00000	0.00024	0.00000	0.00000	0.42880	0.60707	0.00235
55	0.00000	0.00000	0.00000	0.91895	0.00056	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00018	0.00000	0.00000	0.00000	0.00000	0.00018	0.00000	0.00000	0.42594	0.60479	0.00153
56	0.00000	0.00000	0.00000	0.91808	0.00047	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00000	0.42322	0.60261	0.00096
57	0.00000	0.00000	0.00000	0.91723	0.00039	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00000	0.42064	0.60053	0.00058
58	0.00000	0.00000	0.00000	0.91641	0.00032	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00000	0.41819	0.59856	0.00033
59	0.00000	0.00000	0.00000	0.91561	0.00027	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00000	0.41588	0.59668	0.00018
60	0.00000	0.00000	0.00000	0.91485	0.00022	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.41370	0.59490	0.00009
61	0.00000	0.00000	0.00000	0.91411	0.00018	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.41164	0.59322	0.00005
62	0.00000	0.00000	0.00000	0.91340	0.00015	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.40971	0.59163	0.00002
63	0.00000	0.00000	0.00000	0.91271	0.00013	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.40790	0.59014	0.00001
64	0.00000	0.00000	0.00000	0.91206	0.00011	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.40620	0.58873	0.00000
65	0.00000	0.00000	0.00000	0.91144	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.40461	0.58742	0.00000
66	0.00000	0.00000	0.00000	0.91084	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.40314	0.58619	0.00000
67	0.00000	0.00000	0.00000	0.91028	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.40177	0.58504	0.00000
68	0.00000	0.00000	0.00000	0.90975	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.40051	0.58398	0.00000
69	0.00000	0.00000	0.00000	0.90925	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39936	0.58300	0.00000
70	0.00000	0.00000	0.00000	0.90879	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39830	0.58211	0.00000
71	0.00000	0.00000	0.00000	0.90835	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39734	0.58129	0.00000
72	0.00000	0.00000	0.00000	0.90795	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39647	0.58055	0.00000
73	0.00000	0.00000	0.00000	0.90759	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39570	0.57988	0.00000
74	0.00000	0.00000	0.00000	0.90726	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39501	0.57930	0.00000
75	0.00000	0.00000	0.00000	0.90697	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39442	0.57878	0.00000
76	0.00000	0.00000	0.00000	0.90671	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39391	0.57834	0.00000
77	0.00000	0.00000	0.00000	0.90649	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39349	0.57797	0.00000
78	0.00000	0.00000	0.00000	0.90631	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39314	0.57767	0.00000
79	0.00000	0.00000	0.00000	0.90617	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39288	0.57744	0.00000
80	0.00000	0.00000	0.00000	0.90607	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39269	0.57728	0.00000
81	0.00000	0.00000	0.00000	0.90600	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.39258	0.57718	0.00000

KCCFactor
ATU
7/23/2002 file Acf_ptic

Account	2112	2115	2116	2121	2122	2123	2123	2124	2212	2220	2351		2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441
USOA Category	Motor Vehicles	Garage Work Equipment	Other Work Equipment	Buildings	Furniture	Office Support Equipment	Company Comm Equipment	Computers	Digital Switching	Operator Systems	Digital Circuit Equipment	Public Telephone	NID, SAI	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground - Non-Metallic	Buried - Metallic	Buried - Non-Metallic	Intrabuilding - Metallic	Intrabuilding - Non-Metallic	Conduit Systems
Adj Proj Life	9.41	12.37	15.79	36.84	15.79	16.67	7.59	7.06	10.75	9.37	14.12	8.01	19.00	12.00	13.04	17.39	13.64	19.05	17.14	19.05	15.80	23.64	38.46
IRS Dep Cat	2	3	2	6	3	3	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5
SL Dep Rate	0.1063	0.0808	0.0633	0.0271	0.0633	0.0600	0.1317	0.1417	0.0930	0.1067	0.0708	0.1248	0.0526	0.0833	0.0767	0.0575	0.0733	0.0525	0.0583	0.0525	0.0633	0.0423	0.0260
Last Yr SL Dep	0.0438	0.0300	0.0500	0.0229	0.0500	0.0400	0.0779	0.0083	0.0700	0.0396	0.0083	0.0013	0.0000	0.0000	0.0033	0.0225	0.0467	0.0025	0.0083	0.0025	0.0504	0.0272	0.0120
KCCF-SL/SL	0.21599	0.19549	0.18340	0.17239	0.18340	0.18141	0.23839	0.24734	0.20498	0.21637	0.18829	0.23214	0.17748	0.19735	0.19239	0.18000	0.19003	0.17742	0.18046	0.17742	0.18339	0.17347	0.17261
KCCF-ELG/ELG	0.21124	0.19915	0.19065	0.18661	0.17807	0.17746	0.23914	0.24701	0.20419	0.21597	0.18488	0.23180	0.17381	0.19454	0.19111	0.17803	0.18731	0.17374	0.17852	0.17527	0.20568	0.18937	0.17162

COE	16.00%		EquityF	55.00%		WACC	12.55%		Tax	40.20%		TaxGrUp	47.13%
COD	8.34%		EquityP	70.10%		GrUpROR	18.47%		Discf	12.55%			

Reg: SL / IRS: SL

KCCFact	0.21599	0.19549	0.18340	0.17239	0.18340	0.18141	0.23839	0.24734	0.20498	0.21637	0.18829	0.23214	0.17748	0.19735	0.19239	0.18000	0.19003	0.17742	0.18046	0.17742	0.18339	0.17347	0.17261
NPV-EoP	1.15123	1.19251	1.23091	1.35096	1.23091	1.23947	1.12125	1.11135	1.17094	1.15060	1.21317	1.12814	1.25994	1.18763	1.20068	1.24617	1.20776	1.26034	1.24388	1.26034	1.23098	1.29298	1.35576
NPV-BoP	1.29574	1.34220	1.38542	1.52054	1.38542	1.39506	1.26200	1.25086	1.31793	1.29503	1.36546	1.26975	1.41810	1.33672	1.35140	1.40260	1.35937	1.41855	1.40002	1.41855	1.38550	1.45529	1.52595
Pmt-EoP	0.22874	0.20703	0.19424	0.18257	0.19424	0.19212	0.25246	0.26195	0.21708	0.22915	0.19941	0.24585	0.18796	0.20901	0.20376	0.19063	0.20125	0.18790	0.19111	0.18790	0.19422	0.18371	0.18281
Pmt-BoP	0.20323	0.18394	0.17257	0.16221	0.17257	0.17070	0.22431	0.23273	0.19287	0.20360	0.17717	0.21843	0.16700	0.18570	0.18103	0.16937	0.17881	0.16694	0.16980	0.16694	0.17256	0.16322	0.16242
Year																							
1	0.28113	0.25806	0.24217	0.20932	0.24217	0.23915	0.30425	0.31327	0.26910	0.28154	0.24898	0.29800	0.23246	0.26033	0.25427	0.23688	0.25125	0.23234	0.23763	0.23234	0.24215	0.22308	0.20829
2	0.26150	0.24313	0.23048	0.20431	0.23048	0.22807	0.27992	0.28711	0.25192	0.26183	0.23590	0.27494	0.22274	0.24493	0.24011	0.22626	0.23770	0.22264	0.22686	0.22264	0.23046	0.21526	0.20348
3	0.24188	0.22820	0.21878	0.19930	0.21878	0.21698	0.25559	0.26094	0.23475	0.24212	0.22282	0.25189	0.21302	0.22954	0.22596	0.21564	0.22416	0.21295	0.21609	0.21295	0.21876	0.20745	0.19868
4	0.22226	0.21327	0.20708	0.19428	0.20708	0.20590	0.23127	0.23478	0.21757	0.22242	0.20973	0.22883	0.20330	0.21415	0.21180	0.20502	0.21062	0.20325	0.20531	0.20325	0.20707	0.19964	0.19388
5	0.20263	0.19834	0.19538	0.18927	0.19538	0.19482	0.20694	0.20862	0.20040	0.20271	0.19665	0.20577	0.19358	0.19876	0.19764	0.19440	0.19707	0.19355	0.19454	0.19355	0.19538	0.19183	0.18908
6	0.18301	0.18341	0.18369	0.18426	0.18369	0.18374	0.18261	0.18245	0.18322	0.18300	0.18357	0.18272	0.18386	0.18337	0.18348	0.18378	0.18353	0.18386	0.18377	0.18386	0.18369	0.18402	0.18428
7	0.16339	0.16848	0.17199	0.17925	0.17199	0.17266	0.15828	0.15629	0.16604	0.16330	0.17049	0.15966	0.17414	0.16798	0.16932	0.17316	0.16999	0.17416	0.17299	0.17416	0.17200	0.17621	0.17948
8	0.14376	0.15355	0.16029	0.17423	0.16029	0.16158	0.08508	0.00910	0.14887	0.14359	0.15741	0.13660	0.16442	0.15259	0.15516	0.16254	0.15644	0.16447	0.16222	0.16447	0.16030	0.16840	0.17467
9	0.12414	0.13863	0.14860	0.16922	0.14860	0.15050	-	-	0.13169	0.12388	0.14432	0.00138	0.15470	0.13720	0.14100	0.15192	0.14290	0.15477	0.15145	0.15477	0.14861	0.16059	0.16987
10	0.04779	0.12370	0.13690	0.16421	0.13690	0.13942	-	-	0.11452	0.04331	0.13124	-	0.14498	0.12181	0.12684	0.14130	0.12936	0.14507	0.14067	0.14507	0.13692	0.15278	0.16507
11	-	0.10877	0.12520	0.15919	0.12520	0.12833	-	-	0.07646	-	0.11816	-	0.13525	0.10642	0.11268	0.13068	0.11581	0.13538	0.12990	0.13538	0.12523	0.14496	0.16027
12	-	0.09384	0.11351	0.15418	0.11351	0.11725	-	-	-	-	0.10508	-	0.12553	0.09103	0.09852	0.12006	0.10227	0.12568	0.11913	0.12568	0.11354	0.13715	0.15547
13	-	0.03277	0.10181	0.14917	0.10181	0.10617	-	-	-	-	0.09200	-	0.11581	-	0.08436	0.10944	0.08872	0.11599	0.10835	0.11599	0.10185	0.12934	0.15066
14	-	-	0.09011	0.14416	0.09011	0.09509	-	-	-	-	0.07891	-	0.10609	-	0.00364	0.09882	0.05098	0.10629	0.09758	0.10629	0.09015	0.12153	0.14586
15	-	-	0.07842	0.13914	0.07842	0.08401	-	-	-	-	0.00910	-	0.09637	-	-	0.08820	-	0.09659	0.08681	0.09659	0.07846	0.11372	0.14106
16	-	-	0.05462	0.13413	0.05462	0.07293	-	-	-	-	-	-	0.08665	-	-	0.07758	-	0.08690	0.07603	0.08690	0.05507	0.10591	0.13626
17	-	-	-	0.12912	-	0.04369	-	-	-	-	-	-	0.07693	-	-	0.06697	-	0.07720	0.06526	0.07720	-	0.09810	0.13146
18	-	-	-	0.12410	-	-	-	-	-	-	-	-	0.06721	-	-	0.02458	-	0.06751	0.00910	0.06751	-	0.09029	0.12665
19	-	-	-	0.11909	-	-	-	-	-	-	-	-	0.05749	-	-	-	-	0.05781	-	0.05781	-	0.08247	0.12185
20	-	-	-	0.11408	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00273	-	0.00273	-	0.07466	0.11705
21	-	-	-	0.10906	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06685	0.11225
22	-	-	-	0.10405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05904	0.10745
23	-	-	-	0.09904	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05123	0.10265
24	-	-	-	0.09403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02975	0.09784
25	-	-	-	0.08901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09304
26	-	-	-	0.08400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08824
27	-	-	-	0.07899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08344
28	-	-	-	0.07397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07864
29	-	-	-	0.06896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07383
30	-	-	-	0.06395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06903
31	-	-	-	0.05894	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06423
32	-	-	-	0.05392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05943
33	-	-	-	0.04891	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05463
34	-	-	-	0.04390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04982
35	-	-	-	0.03888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04502
36	-	-	-	0.03387	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04022
37	-	-	-	0.02497	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03542
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03062
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01311
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KCCFactor
ATU
7/23/2002
file Acf_ptic

Reg: ELG / IRS: ELG

KCCFact	0.21124	0.19915	0.19065	0.18661	0.17807	0.17746	0.23914	0.24701	0.20419	0.21597	0.18488	0.23180	0.17381	0.19454	0.19111	0.17803	0.18731	0.17374	0.17852	0.17527	0.20568	0.18937	0.17162
NPV-EoP	1.12589	1.21486	1.27955	1.46240	1.19511	1.21246	1.12478	1.10986	1.16646	1.14844	1.19126	1.12652	1.23387	1.17069	1.19266	1.23252	1.19045	1.23420	1.23053	1.24505	1.38060	1.41149	1.34795
NPV-BoP	1.26723	1.36736	1.44017	1.64598	1.34513	1.36466	1.26598	1.24918	1.31288	1.29261	1.34080	1.26793	1.38876	1.31765	1.34238	1.38724	1.33989	1.38913	1.38500	1.40134	1.55391	1.58867	1.51716
Pmt-EoP	0.22371	0.21091	0.20191	0.19763	0.18859	0.18794	0.25326	0.26159	0.21625	0.22872	0.19580	0.24549	0.18407	0.20603	0.20240	0.18854	0.19837	0.18400	0.18906	0.18562	0.21782	0.20055	0.18175
Pmt-BoP	0.19876	0.18739	0.17939	0.17559	0.16755	0.16698	0.22501	0.23242	0.19213	0.20322	0.17397	0.21811	0.16354	0.18305	0.17982	0.16751	0.17624	0.16348	0.16798	0.16492	0.19353	0.17818	0.16148
Year																							
1	0.31126	0.26941	0.24139	0.18687	0.31938	0.28963	0.32051	0.37402	0.29679	0.31105	0.30436	0.34565	0.26966	0.32059	0.27926	0.25785	0.29653	0.26948	0.25880	0.25210	0.21398	0.20382	0.21136
2	0.28148	0.24096	0.22288	0.18626	0.25467	0.24778	0.28674	0.29680	0.26449	0.27390	0.25558	0.28552	0.23988	0.26389	0.25266	0.23785	0.25575	0.23978	0.23852	0.23381	0.20354	0.19696	0.20575
3	0.25262	0.22016	0.20919	0.18577	0.21631	0.21929	0.25208	0.23921	0.23553	0.24036	0.22253	0.23958	0.21777	0.22563	0.22900	0.22021	0.22550	0.21771	0.22062	0.21771	0.19612	0.19213	0.20021
4	0.22358	0.20228	0.19735	0.18531	0.18801	0.19621	0.21737	0.19185	0.20854	0.20911	0.19593	0.20035	0.19888	0.19507	0.20694	0.20375	0.19988	0.19887	0.20391	0.20268	0.18991	0.18809	0.19471
5	0.19374	0.18604	0.18655	0.18488	0.16537	0.17641	0.18303	0.15215	0.18321	0.17990	0.17328	0.16593	0.18203	0.16927	0.18614	0.18814	0.17732	0.18206	0.18809	0.18841	0.18438	0.18451	0.18923
6	0.16247	0.17092	0.17647	0.18447	0.14649	0.15894	0.14946	0.11895	0.15948	0.15273	0.15349	0.13556	0.16671	0.14697	0.16650	0.17328	0.15712	0.16676	0.17302	0.17479	0.17934	0.18124	0.18377
7	0.12921	0.15660	0.16691	0.18408	0.13036	0.14331	0.11726	0.09147	0.13735	0.12768	0.13595	0.10891	0.15263	0.12745	0.14797	0.15910	0.13892	0.15271	0.15865	0.16177	0.17466	0.17821	0.17834
8	0.09389	0.14293	0.15777	0.18369	0.11636	0.12920	0.08723	0.06905	0.11686	0.10485	0.12031	0.08577	0.13963	0.11029	0.13056	0.14558	0.12246	0.13974	0.14495	0.14931	0.17027	0.17536	0.17294
9	0.05818	0.12978	0.14897	0.18331	0.10408	0.11641	0.06041	0.05109	0.09807	0.08435	0.10629	0.06600	0.12758	0.09515	0.11427	0.13271	0.10758	0.12771	0.13192	0.13739	0.16614	0.17267	0.16756
10	0.02704	0.11708	0.14046	0.18294	0.09322	0.10476	0.03799	0.03700	0.08102	0.06626	0.09372	0.04945	0.11641	0.08181	0.09912	0.12047	0.09416	0.11655	0.11955	0.12601	0.16222	0.17011	0.16221
11	0.00742	0.10478	0.13222	0.18258	0.08356	0.09416	0.02094	0.02618	0.06577	0.05066	0.08244	0.03592	0.10604	0.07006	0.08514	0.10888	0.08206	0.10620	0.10783	0.11517	0.15849	0.16767	0.15689
12	0.00077	0.09285	0.12421	0.18222	0.07494	0.08449	0.00964	0.01808	0.05234	0.03753	0.07232	0.02520	0.09641	0.05974	0.07233	0.09792	0.07120	0.09659	0.09678	0.10486	0.15493	0.16534	0.15159
13	0.00001	0.08127	0.11642	0.18187	0.06722	0.07568	0.00348	0.01216	0.04073	0.02682	0.06325	0.01697	0.08749	0.05071	0.06071	0.08761	0.06149	0.08768	0.08638	0.09509	0.15153	0.16310	0.14633
14	0.00000	0.07005	0.10882	0.18152	0.06028	0.06765	0.00090	0.00796	0.03090	0.01839	0.05515	0.01092	0.07923	0.04283	0.05028	0.07795	0.05285	0.07942	0.07665	0.08585	0.14827	0.16095	0.14109
15	0.00000	0.05923	0.10142	0.18118	0.05405	0.06035	0.00015	0.00506	0.02278	0.01201	0.04793	0.00667	0.07160	0.03599	0.04103	0.06893	0.04518	0.07179	0.06759	0.07715	0.14514	0.15888	0.13589
16	(0.00000)	0.04887	0.09419	0.18084	0.04843	0.05371	0.00001	0.00312	0.01626	0.00743	0.04150	0.00384	0.06455	0.03009	0.03295	0.06056	0.03842	0.06474	0.05920	0.06899	0.14214	0.15689	0.13073
17	(0.00000)	0.03908	0.08715	0.18051	0.04338	0.04770	0.00000	0.00186	0.01118	0.00431	0.03581	0.00206	0.05805	0.02501	0.02598	0.05283	0.03249	0.05825	0.05147	0.06136	0.13925	0.15496	0.12560
18	(0.00000)	0.03003	0.08029	0.18018	0.03882	0.04225	0.00000	0.00108	0.00738	0.00233	0.03078	0.00103	0.05208	0.02066	0.02008	0.04575	0.02731	0.05228	0.04440	0.05426	0.13647	0.15311	0.12051
19	(0.00000)	0.02189	0.07360	0.17986	0.03471	0.03733	0.00000	0.00060	0.00465	0.00116	0.02635	0.00047	0.04660	0.01697	0.01518	0.03929	0.02282	0.04680	0.03797	0.04770	0.13380	0.15131	0.11546
20	(0.00000)	0.01491	0.06710	0.17954	0.03100	0.03289	0.00000	0.00032	0.00278	0.00052	0.02247	0.00019	0.04159	0.01386	0.01120	0.03345	0.01896	0.04178	0.03218	0.04165	0.13123	0.14958	0.11046
21	(0.00000)	0.00929	0.06078	0.17922	0.02767	0.02890	(0.00000)	0.00017	0.00156	0.00021	0.01908	0.00007	0.03702	0.01124	0.00805	0.02821	0.01564	0.03720	0.02700	0.03612	0.12874	0.14790	0.10550
22	(0.00000)	0.00514	0.05467	0.17891	0.02466	0.02533	(0.00000)	0.00008	0.00082	0.00007	0.01613	0.00002	0.03286	0.00906	0.00561	0.02355	0.01282	0.03303	0.02241	0.03109	0.12635	0.14628	0.10059
23	(0.00000)	0.00244	0.04877	0.17860	0.02195	0.02213	(0.00000)	0.00004	0.00040	0.00002	0.01357	0.00001	0.02908	0.00725	0.00379	0.01945	0.01044	0.02925	0.01839	0.02655	0.12405	0.14470	0.09574
24	(0.00000)	0.00094	0.04309	0.17829	0.01952	0.01928	(0.00000)	0.00002	0.00018	0.00001	0.01137	0.00000	0.02566	0.00576	0.00246	0.01587	0.00844	0.02582	0.01491	0.02248	0.12182	0.14318	0.09094
25	(0.00000)	0.00028	0.03766	0.17799	0.01733	0.01674	(0.00000)	0.00001	0.00007	0.00000	0.00948	0.00000	0.02257	0.00455	0.00154	0.01279	0.00677	0.02273	0.01192	0.01886	0.11968	0.14171	0.08620
26	(0.00000)	0.00006	0.03249	0.17769	0.01537	0.01449	(0.00000)	0.00000	0.00003	0.00000	0.00787	0.00000	0.01980	0.00356	0.00092	0.01016	0.00540	0.01994	0.00940	0.01567	0.11761	0.14028	0.08153
27	(0.00000)	0.00001	0.02763	0.17740	0.01361	0.01251	(0.00000)	0.00000	0.00001	0.00000	0.00650	0.00000	0.01731	0.00277	0.00052	0.00796	0.00427	0.01744	0.00729	0.01288	0.11561	0.13890	0.07692
28	(0.00000)	0.00000	0.02309	0.17711	0.01203	0.01076	(0.00000)	0.00000	0.00000	0.00000	0.00534	0.00000	0.01508	0.00214	0.00028	0.00614	0.00335	0.01520	0.00556	0.01047	0.11369	0.13756	0.07239
29	(0.00000)	0.00000	0.01891	0.17682	0.01062	0.00922	(0.00000)	0.00000	0.00000	0.00000	0.00436	0.00000	0.01310	0.00163	0.00014	0.00465	0.00260	0.01321	0.00417	0.00841	0.11183	0.13626	0.06793
30	(0.00000)	0.00000	0.01512	0.17654	0.00936	0.00788	(0.00000)	0.00000	0.00000	0.00000	0.00355	0.00000	0.01133	0.00124	0.00007	0.00346	0.00201	0.01144	0.00306	0.00667	0.11004	0.13500	0.06356
31	(0.00000)	0.00000	0.01176	0.17626	0.00823	0.00671	(0.00000)	0.00000	0.00000	0.00000	0.00287	0.00000	0.00977	0.00093	0.00003	0.00252	0.00154	0.00987	0.00220	0.00522	0.10831	0.13378	0.05928
32	(0.00000)	0.00000	0.00885	0.17598	0.00723	0.00569	(0.00000)	0.00000	0.00000	0.00000	0.00231	0.00000	0.00840	0.00070	0.00001	0.00180	0.00117	0.00849	0.00155	0.00402	0.10664	0.13260	0.05509
33	(0.00000)	0.00000	0.00640	0.17571	0.00634	0.00481	(0.00000)	0.00000	0.00000	0.00000	0.00185	0.00000	0.00719	0.00052	0.00000	0.00125	0.00088	0.00728	0.00106	0.00305	0.10503	0.13145	0.05101
34	(0.00000)	0.00000	0.00442	0.17544	0.00555	0.00405	(0.00000)	0.00000	0.00000	0.00000	0.00147	0.00000	0.00614	0.00038	0.00000	0.00085	0.00065	0.00621	0.00071	0.00228	0.10348	0.13034	0.04703
35	(0.00000)	0.00000	0.00289	0.17517	0.00484	0.00340	(0.00000)	0.00000	0.00000	0.00000	0.00116	0.00000	0.00522	0.00028	0.00000	0.00057	0.00048	0.00528	0.00046	0.00167	0.10198	0.12927	0.04317
36	(0.00000)	0.00000	0.00177	0.17491	0.00422	0.00284	(0.00000)	0.00000	0.00000	0.00000	0.00091	0.00000	0.00442	0.00020	0.00000	0.00036	0.00035	0.00448	0.00029	0.00120	0.10054	0.12823	0.03944
37	(0.00000)	0.00000	0.00100	0.17465	0.00367	0.00236	(0.00000)	0.00000	0.00000	0.00000	0.00071	0.00000	0.00372	0.00014	0.00000	0.00023	0.00026	0.00378	0.00018	0.00084	0.09914	0.12722	0.03584
38	(0.00000)	0.00000	0.00052	0.17439	0.00319	0.00196	(0.00000)	0.00000	0.00000	0.00000	0.00055	0.00000	0.00313	0.00010	0.00000	0.00014	0.00018	0.00318	0.00010	0.00058	0.09780	0.12625	0.03237
39	(0.00000)	0.00000	0.00024	0.17414	0.00277	0.00162	(0.00000)	0.00000	0.00000	0.00000	0.00043	0.00000	0.00262	0.00007	0.00000	0.00008	0.00013	0.00266	0.00006	0.00039	0.09651	0.12530	0.02906
40	(0.00000)	0.00000	0.00010	0.17389	0.00239	0.00133	(0.00000)	0.00000	0.00000	0.00000	0.00033	0.00000	0.00218	0.00005	0.00000	0.00004	0.00009	0.00222	0.00003	0.00026	0.09527	0.12439	0.02591
41	(0.00000)	0.00000	0.00003	0.17364	0.00206	0.00109	(0.00000)	0.00000	0.00000	0.00000	0.00025	0.00000	0.00181	0.00003	0.00000	0.00002	0.00006	0.00184	0.00002	0.00016	0.09407	0.12351	0.02292
42	(0.00000)	0.00000	0.00001	0.17340	0.00178	0.00089	(0.00000)	0.00000	0.00000	0.00000	0.00019	0.00000	0.00149	0.00002	0.00000	0.00001	0.00004	0.00152	0.00001	0.00010	0.09291	0.12265	0.02010
43	(0.00000)	0.00000	0.00000	0.17316	0.00153	0.00072	(0.00000)	0.00000	0.00000	0.00000	0.00014	0.00000	0.00123	0.00002	0.00000	0.00001	0.00003	0.00125	0.00000	0.00006	0.09180	0.12183	0.01747
44	(0.00000)	0.00000	0.00000	0.17293	0.00131	0.00058	(0.00000)	0.00000	0.00000	0.00000	0.00011	0.00000	0.00100	0.00001	0.00000	0.00000	0.00002	0.00103	0.00000	0.00004	0.09074	0.12103	0.01503
45	(0.00000)	0.00000	0.00000	0.17270	0.00112	0.00047	(0.00000)	0.00000	0.00000	0.00000	0.00008	0.00000	0.00082	0.00001	0.00000	0.00000	0.00001	0.00084	0.00000	0.00002	0.08971	0.12026	0.01279
46	(0.00000)	0.00000	0.00000	0.17247	0.00096	0.00038	(0.00000)	0.00000	0.00000	0.00000	0.00006	0.00000	0.00066	0.00000	(0.00000)	0.00000	0.00001	0.00068	0.00000	0.00001	0.08872	0.11952	0.01074

KCCFactor
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47	(0.00000)	0.00000	0.00000	0.17225	0.00082	0.00030	(0.00000)	0.00000	0.00000	0.00000	0.00002	0.00000	0.00054	0.00000	(0.00000)	0.00000	0.00001	0.00055	0.00000	0.00001	0.08777	0.11880	0.00890
48	(0.00000)	0.00000	0.00000	0.17203	0.00069	0.00024	(0.00000)	0.00000	0.00000	0.00000	0.00002	0.00000	0.00043	0.00000	(0.00000)	0.00000	0.00000	0.00044	0.00000	0.00000	0.08686	0.11811	0.00726
49	(0.00000)	0.00000	0.00000	0.17181	0.00059	0.00019	(0.00000)	0.00000	0.00000	0.00000	0.00002	0.00000	0.00034	0.00000	(0.00000)	0.00000	0.00000	0.00035	0.00000	0.00000	0.08599	0.11744	0.00583
50	(0.00000)	0.00000	0.00000	0.17160	0.00050	0.00015	(0.00000)	0.00000	0.00000	0.00000	0.00002	0.00000	0.00027	0.00000	(0.00000)	0.00000	0.00000	0.00028	0.00000	0.00000	0.08515	0.11680	0.00459
51	(0.00000)	0.00000	(0.00000)	0.17139	0.00042	0.00012	(0.00000)	0.00000	0.00000	0.00000	0.00001	0.00000	0.00022	0.00000	(0.00000)	0.00000	0.00000	0.00022	0.00000	0.00000	0.08434	0.11618	0.00354
52	(0.00000)	0.00000	(0.00000)	0.17119	0.00035	0.00009	(0.00000)	0.00000	0.00000	0.00000	0.00001	0.00000	0.00017	0.00000	(0.00000)	0.00000	0.00000	0.00018	0.00000	0.00000	0.08357	0.11558	0.00266
53	(0.00000)	0.00000	(0.00000)	0.17099	0.00030	0.00007	(0.00000)	0.00000	0.00000	0.00000	0.00001	0.00000	0.00013	0.00000	(0.00000)	0.00000	0.00000	0.00014	0.00000	0.00000	0.08284	0.11501	0.00195
54	(0.00000)	0.00000	(0.00000)	0.17080	0.00025	0.00005	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00000	(0.00000)	0.00000	0.00000	0.00011	0.00000	0.00000	0.08213	0.11446	0.00139
55	(0.00000)	0.00000	(0.00000)	0.17060	0.00021	0.00004	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	(0.00000)	0.00000	0.00000	0.00008	0.00000	0.00000	0.08146	0.11393	0.00096
56	(0.00000)	0.00000	(0.00000)	0.17042	0.00017	0.00003	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	(0.00000)	0.00000	0.00000	0.00006	0.00000	0.00000	0.08081	0.11342	0.00064
57	(0.00000)	0.00000	(0.00000)	0.17023	0.00014	0.00002	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	(0.00000)	0.00000	0.00000	0.00005	0.00000	0.00000	0.08020	0.11294	0.00041
58	(0.00000)	0.00000	(0.00000)	0.17006	0.00012	0.00002	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	(0.00000)	0.00000	0.00000	0.00004	0.00000	0.00000	0.07961	0.11247	0.00025
59	(0.00000)	0.00000	(0.00000)	0.16988	0.00010	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	(0.00000)	0.00000	0.00000	0.00003	0.00000	0.00000	0.07905	0.11203	0.00015
60	(0.00000)	0.00000	(0.00000)	0.16971	0.00008	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	(0.00000)	0.00000	0.00000	0.00002	(0.00000)	0.00000	0.07852	0.11160	0.00008
61	(0.00000)	0.00000	(0.00000)	0.16955	0.00007	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	(0.00000)	(0.00000)	0.00000	0.00002	(0.00000)	0.00000	0.07802	0.11120	0.00004
62	(0.00000)	0.00000	(0.00000)	0.16939	0.00006	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	(0.00000)	0.00000	0.07754	0.11081	0.00002
63	(0.00000)	0.00000	(0.00000)	0.16923	0.00005	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	(0.00000)	0.00000	0.07709	0.11044	0.00001
64	(0.00000)	0.00000	(0.00000)	0.16908	0.00004	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	(0.00000)	0.00000	0.07666	0.11009	0.00000
65	(0.00000)	0.00000	(0.00000)	0.16894	0.00003	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	0.00000	0.07626	0.10976	0.00000
66	(0.00000)	0.00000	(0.00000)	0.16880	0.00003	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	0.00000	0.07587	0.10945	0.00000
67	(0.00000)	0.00000	(0.00000)	0.16866	0.00002	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07552	0.10915	0.00000
68	(0.00000)	0.00000	(0.00000)	0.16853	0.00002	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07518	0.10887	0.00000
69	(0.00000)	0.00000	(0.00000)	0.16841	0.00002	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07486	0.10861	0.00000
70	(0.00000)	0.00000	(0.00000)	0.16829	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07457	0.10836	0.00000
71	(0.00000)	0.00000	(0.00000)	0.16818	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07430	0.10813	0.00000
72	(0.00000)	0.00000	(0.00000)	0.16807	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07404	0.10792	0.00000
73	(0.00000)	0.00000	(0.00000)	0.16797	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07381	0.10772	0.00000
74	(0.00000)	0.00000	(0.00000)	0.16787	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07359	0.10754	0.00000
75	(0.00000)	0.00000	(0.00000)	0.16778	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07340	0.10737	0.00000
76	(0.00000)	0.00000	(0.00000)	0.16770	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07322	0.10722	0.00000
77	(0.00000)	0.00000	(0.00000)	0.16762	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07306	0.10708	0.00000
78	(0.00000)	0.00000	(0.00000)	0.16755	0.00001	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07291	0.10695	0.00000
79	(0.00000)	0.00000	(0.00000)	0.16748	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07278	0.10684	0.00000
80	(0.00000)	0.00000	(0.00000)	0.16742	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07267	0.10675	0.00000
81	(0.00000)	0.00000	(0.00000)	0.16737	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00000	(0.00000)	(0.00000)	0.07258	0.10666	0.00000

Plant Inputs		Plant Account Values						Adjusted
Account		Beg. of Year	End of Year	Average	Adjustments	GSF Allocator	Current	Values
1220	**Inventories**	**914,231**	**914,231**	914,231				914,231
2001	**Current Value TPIS**	**129,412,650**	**129,412,650**	129,412,650				129,412,650